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STATE OF ILLINOIS  
HENRY HORNER,  
Governor

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FIFTY-SEVENTH

# Coal Report of Illinois

1938

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DEPARTMENT OF MINES AND  
MINERALS



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JAMES McSHERRY, Director  
Springfield

ENOCH MARTIN, Assistant Director  
Springfield

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## LETTER OF TRANSMITTAL

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STATE OF ILLINOIS,  
DEPARTMENT OF MINES AND MINERALS.  
SPRINGFIELD, ILLINOIS, JUNE 1, 1939.

*To His Excellency, Henry Horner, Governor,  
State of Illinois, Springfield.*

SIR: I have the honor to submit herewith the Fifty-Seventh Annual Coal Report of the State of Illinois for the year ending December 31, 1938 with which are also included the reports of all other divisions of the Department of Mines and Minerals.

Respectfully submitted,  
JAMES MCSHERRY, *Director.*

## DEPARTMENT OF MINES AND MINERALS

JAMES MCSHERRY, *Director*,  
Phone Capitol 1400, Station 536,  
Springfield, Illinois.  
ENOCH MARTIN, *Assistant Director*,  
Phone Capitol 1400, Station 537,  
Springfield, Illinois.

### STATE MINING BOARD

JAMES MCSHERRY, *Chairman, Ex-Officio*, Springfield, Illinois.  
L. A. WASSON, *Mine Officer*, Harrisburg, Illinois, Phone 120 or  
175.

J. W. STARKS, *Mine Officer*, Box 311, Marion, Illinois.

JESSE JACKSON, *Mine Officer*, 1201 Benton St., Johnston City,  
Illinois, Phone 216.

GEORGE A. KNOX, *Secy.*, 6 Helston Place, Hillsboro, Illinois,  
Phone 335L.

### DIVISION OF MINE RESCUE

Belleville, ARTHUR BRADBURY, *Superintendent*, 1013 West Main  
St., Phone 1460.

Benton, HOUSTON W. WEBB, *Superintendent*, 503 E. Main St.,  
Phone 67.

DuQuoin, JOSEPH MORRIS, *Superintendent*, 11 S. Mulberry St.,  
Phone Main 36.

\* Harrisburg, LLOYD DUNCAN, *Superintendent*, 617 N. Jackson  
St., Phone 988.

Herrin, BARNEY T. MCSHERRY, *Superintendent*, 120 N. Eighth  
St., Phone 5401.

\*\* Johnston City.

La Salle, PETER H. PROCTOR, *Superintendent*, 245 Buck St.,  
Phone 27.

Springfield, LEO CHITTY, *Superintendent*, 6th and Princeton,  
Phone Main 1159.

\* Eldorado Station moved to Harrisburg March 1, 1939.

\*\* Station abolished as of June 30, 1939.

### MINERS' EXAMINING BOARD

EDW. MAHER, *President*, 624 N. McLean St., Lincoln, Illinois.

STANLEY B. INGERSKI, *Secretary*, Minonk, Illinois.

JOHN RANCILIO, *Member*, 320 N. 16th St., Herrin, Illinois.

JOHN B. SCHMACKER, *Member*, 449 S. Chestnut St., Collinsville,  
Illinois.

### MINING INVESTIGATION COMMISSION

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HERMAN LISSE, *Secretary*, Taylorville, Illinois.

JOHN E. JONES, West Frankfort, Illinois.

F. W. HECKENKAMP, Quincy, Illinois.

H. V. BOWMAN, Danville, Illinois.

E. A. POWERS, Peoria, Illinois.

BRICE HOLLAND, West Frankfort, Illinois.

D. D. WILCOX, Gillespie, Illinois.

HENRY VAUGHN, Harrisburg, Illinois.



## LIST OF INSPECTORS

---

First District—Bureau, Grundy, Henry, Kendall, Kankakee, LaSalle, Livingston, Mercer, Putnam, Rock Island and Will Counties.

STEVE L. FALETTA, *Inspector*, 530 Ryall Ave., Marseilles, Illinois.

Second District—Marshall, McLean, Peoria, Stark, Tazewell and Woodford Counties.

GEORGE H. DEEMY, *Inspector*, 511 Laura St., Peoria, Illinois.

Third District—Adams, Brown, Fulton, Hancock, Henderson, Knox, Mason, McDonough, Schuyler and Warren Counties.

F. M. GUTHRIE, *Inspector*, 347 E. Fulton St., Farmington, Illinois.

Fourth District—Cass, Christian, Logan, Menard, Morgan, Pike, Sangamon and Scott Counties.

HARRY ROBERTS, *Inspector*, Edinburg, Illinois.

Fifth District—Champaign, Coles, DeWitt, Douglas, Edgar, Ford, Iroquois, Macon, Moultrie, Piatt and Vermilion Counties.

THOMAS McKENNA, *Inspector*, 1544 N. Walnut St., Danville, Illinois.

Sixth District—Calhoun, Greene, Jersey, Macoupin, Montgomery and Shelby Counties.

JOSEPH FIRTH, JR., *Inspector*, Benld, Illinois.

Seventh District—Bond, Clark, Clay, Crawford, Cumberland, Effingham, Fayette, Jasper, Lawrence, Madison, Marion and Richland Counties.

BENN PITTS, *Inspector*, Odin, Illinois.

Eighth District—Clinton, Monroe, and St. Clair Counties.

DAVID T. STUART, *Inspector*, 132A West Main St., Belleville, Illinois.

Ninth District—Jackson, Perry, Randolph and Washington Counties.

LEONARD FORESTER, *Inspector*, Percy, Illinois.

Tenth District—Franklin and Jefferson Counties.

WILLIAM J. JOHNSON, *Inspector*, 503 S. Thomas St., Christopher, Illinois.

Eleventh District—Edwards, Gallatin, Hamilton, Hardin, Pope, Saline, Wabash, Wayne and White Counties.

MICHAEL TAGGART, *Inspector*, 2116 Forrest, Eldorado, Illinois.

Twelfth District—Alexander, Johnson, Massac, Pulaski, Union and Williamson Counties.

FRED SCHOONOVER, *Inspector*, Route No. 1, Carterville, Illinois.

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County	Inspection District
Adams .....	Third
Alexander .....	Twelfth
Bond .....	Seventh
Brown .....	Third
Bureau .....	First
Calhoun .....	Sixth
Cass .....	Fourth
Champaign .....	Fifth
Christian .....	Fourth
Clark .....	Seventh
Clay .....	Seventh
Clinton .....	Eighth
Coles .....	Fifth
Crawford .....	Seventh
Cumberland .....	Seventh
DeWitt .....	Fifth
Douglas .....	Fifth
Edgar .....	Fifth
Edwards .....	Eleventh
Effingham .....	Seventh
Fayette .....	Seventh
Ford .....	Fifth
Franklin .....	Tenth
Fulton .....	Third
Gallatin .....	Eleventh
Greene .....	Sixth
Grundy .....	First
Hamilton .....	Eleventh
Hancock .....	Third
Hardin .....	Eleventh
Henderson .....	Third
Henry .....	First
Iroquois .....	Fifth
Jackson .....	Ninth
Jasper .....	Seventh
Jefferson .....	Tenth
Jersey .....	Sixth
Johnson .....	Twelfth
Kankakee .....	First
Kendall .....	First
Knox .....	Third
LaSalle .....	First
Lawrence .....	Seventh
Livingston .....	First

County	Inspection District
Logan .....	Fourth
Macon .....	Fifth
Macoupin .....	Sixth
Madison .....	Seventh
Marion .....	Seventh
Marshall .....	Second
Mason .....	Third
Massac .....	Twelfth
Menard .....	Fourth
Mercer .....	First
Monroe .....	Eighth
Montgomery .....	Sixth
Morgan .....	Fourth
Moultrie .....	Fifth
McDonough .....	Third
McLean .....	Second
Peoria .....	Second
Perry .....	Ninth
Piatt .....	Fifth
Pike .....	Fourth
Pope .....	Eleventh
Pulaski .....	Twelfth
Putnam .....	First
Randolph .....	Ninth
Richland .....	Seventh
Rock Island .....	First
St. Clair .....	Eighth
Saline .....	Eleventh
Sangamon .....	Fourth
Schuyler .....	Third
Scott .....	Fourth
Shelby .....	Sixth
Stark .....	Second
Tazewell .....	Second
Union .....	Twelfth
Vermilion .....	Fifth
Wabash .....	Eleventh
Warren .....	Third
Washington .....	Ninth
Wayne .....	Eleventh
White .....	Eleventh
Will .....	First
Williamson .....	Twelfth
Woodford .....	Second

# ERRATA

Figures from amended schedules of shipping mine operators in Fulton, St. Clair and Perry Counties received too late for submission to the printer for a complete revision of the 1938 Annual Coal Report affect the tables listed below in the manner indicated:

<i>Table</i>	<i>Page</i>	<i>Item</i>	<i>Remarks</i>
General Statement	22	8	Add 213,595 tons.
		9	Ded. 213,595 tons.
Recapitulation for State	26	Loaded on cars	Add 213,595 tons.
		Coal not sold	Ded. 213,595 tons.
16	56	Fulton Co.	Add 82,534 tons screenings.
			Ded. 82,534 tons waste and loss.
	56	St. Clair Co.	Add 27,739 tons screenings.
			Ded. 27,739 tons waste and loss.
	56	Perry Co.	Add 103,322 tons screenings.
			Ded. 103,322 tons waste and loss.
17	58	Fulton Co.	Add 82,534 tons loaded on cars.
			Ded. 82,534 tons all coal not sold.
	58	St. Clair Co.	Add 27,739 tons loaded on cars.
			Ded. 27,739 tons all coal not sold.
	58	Perry Co.	Add. 103,322 tons loaded on cars.
			Ded 103,322 tons all coal not sold.
19	68	Fulton Co.	Add 82,534 tons shipped via C. B. Q.
		St. Clair Co.	Add 27,739 tons shipped via I. C.
		Perry Co.	Add 103,322 tons shipped via Mo. P.
20	75	C. B. & Q.	Add 82,534 tons loaded for shipment.
		I. C.	Add 27,739 tons loaded for shipment.
		Mo. P.	Add 103,322 tons loaded for shipment.
21	82	C. B. & Q.	Add 82,534 tons loaded for shipment.
		I. C.	Add 27,739 tons loaded for shipment.
		Mo. P.	Add 103,322 tons loaded for shipment.
Report of Dist. No. 3	136	Fulton Co.	Add 82,534 tons loaded on cars.
			Ded. 82,534 tons waste and loss.
Report of Dist. No. 8	196	St. Clair Co.	Add 27,739 tons loaded on cars.
			Ded. 27,739 tons waste and loss.
Report of Dist. No. 9	206	Perry Co.	Add 103,322 tons loaded on cars.
			Ded. 103,322 tons waste and loss.



# FIFTY-SEVENTH ANNUAL COAL REPORT

---

## INTRODUCTION

---

Herewith is presented the Fifty-Seventh annual report of the coal industry of Illinois together with reports of all other industries which come under the supervision of the Department of Mines and Minerals.

Interest in first aid training and accident prevention work continues high and the Department is pleased to announce special recognition by way of Joseph A. Holmes Safety Association awards to

Mine No. 7, Consolidated Coal Co., Herrin, Illinois.

Mine No. 1, Crescent Mining Co., Pekin, Illinois.

Mine No. 5, Franklin County Coal Corp., Freeman, Illinois.

Mine No. 7, Franklin County Coal Corp., Royalton, Illinois.

Mine No. 7, Peabody Coal Co., Kincaid, Illinois.

Pyramid Mine, Pyramid Coal Corp., Pinckneyville, Illinois.

Mine No. 2, Rex Coal Co., Eldorado, Illinois.

Mine No. 1, Superior Coal Co., Gillespie, Illinois.

Mine No. 2, Superior Coal Co., Gillespie, Illinois.

Mine No. 4, Superior Coal Co., Gillespie, Illinois.

Krause No. 1 Quarry, Columbia Quarry Co., Krause, Illinois.

Mine No. 1, Valier Coal Co., Valier, Illinois.

and certificate of honor for long-time employment in mining without an accident to himself to

Lewis Quenon, Crescent Mining Co., Pekin, Illinois.

The Department expresses its appreciation of the cooperation given by the United States Bureau of Mines Station, Vincennes, Indiana in the conduct of first aid training and accident prevention campaigns during the year.

TABLE A—MINES AND PRODUCTION.

Mines.	1937		1938		Increase (+). Decrease (—).		Per cent of— Increase (+). Decrease (—).	
	Mines.	Tons.	Mines.	Tons.	Mines.	Tons.	Mines.	Tons.
Shipping.....	168	48,062,076	149	38,442,859	—19	9,619,217	—11.3	—20.0
Local.....	852	4,370,179	820	3,944,509	—32	425,670	—3.8	—9.7
Total.....	1,020	52,432,255	969	42,387,368	—51	10,044,887	—5.0	—19.2

TABLE B—WORKING TIME.

Mines.	Average days worked—			
	1937	1938	Increase (+). Decrease (—).	Per cent of— Increase (+). Decrease (—).
Shipping.....	152	135	—17	—11.2
Local.....	129	123	—6	—4.7
Total.....	132	125	—7	—5.3

TABLE C—EMPLOYEES.

Mines,	Number of employed.		Gain (+). Loss (—).	Per cent of— Gain (+). Loss (—).
	1937	1938		
Shipping.....	38,553	35,247	—3,306	—8.6
Local.....	8,027	8,173	+ 146	+1.8
Total.....	46,580	43,420	—3,160	—6.8

## MECHANICAL LOADING

TABLE D—THE RECORD OF MECHANICAL LOADING IN ILLINOIS COAL MINES FOR THE YEARS 1928 TO 1938 INCLUSIVE

Year.	Entire output.			Part of output.			Total.			Per cent of	
	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
1928.....	17	177	2,299,720	37	875	4,442,434	54	1,052	6,742,154	23.0	13.5
1929.....	22	603	5,862,615	51	1,525	11,947,753	73	2,128	17,810,368	30.9	33.1
1930.....	31	1,307	13,583,912	38	931	9,666,169	69	2,238	23,250,081	40.0	50.8
1931.....	36	1,504	15,138,330	38	910	7,307,474	74	2,414	22,445,804	49.0	61.4
1932.....	41	1,702	10,899,565	27	578	4,513,091	68	2,280	15,412,656	42.0	49.1
1933.....	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
1934.....	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1
1935.....	33	1,322	16,649,144	21	304	4,002,563	54	1,626	20,651,707	29.7	49.9
1936.....	37	1,210	18,540,558	27	363	6,664,612	64	1,573	25,205,170	36.4	53.3
1937.....	42	1,127	21,192,003	27	329	7,182,359	69	1,456	28,374,362	41.1	59.0
1938.....	45	935	19,360,718	20	222	4,089,756	65	1,157	23,450,474	43.6	61.0

TABLE E—BELOW SETS FORTH THE STATISTICS COMPLIED BY THE DEPARTMENT ON MACHINE MINING FOR THE PERIOD 1928 TO 1938 INCLUSIVE.

Year.	Entire output.			Part of output.			Total.			Per cent of	
	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
1928.....	84	1,245	25,134,248	55	813	19,506,953	139	2,058	44,641,201	67.5	82.2
1929.....	92	1,324	31,883,147	47	665	18,476,517	139	1,989	50,359,664	69.5	85.2
1930.....	90	1,100	29,629,055	37	509	13,082,958	127	1,606	32,712,013	68.6	62.9
1931.....	85	1,103	28,190,836	26	282	5,425,234	111	1,385	33,616,070	66.5	78.0
1932.....	81	989	19,599,599	21	155	2,986,486	102	1,144	22,586,085	63.0	71.9
1933.....	79	905	25,237,315	15	109	2,015,606	94	1,014	27,252,921	59.1	77.0
1934.....	87	929	27,321,330	14	113	2,411,683	101	1,042	29,733,013	58.7	76.9
1935.....	88	903	28,985,205	15	107	2,144,948	103	1,010	31,130,153	56.5	75.2
1936.....	93	981	32,700,420	15	81	3,127,236	108	1,062	35,827,656	61.4	78.8
1937.....	90	884	33,816,349	13	43	740,321	103	927	34,631,392	61.3	64.9
1938.....	92	835	26,628,582	7	23	310,720	99	858	26,939,302	61.7	63.6

## ACCIDENTS

TABLE F—COMPARATIVE STATISTICS OF FATAL AND NON-FATAL ACCIDENTS ARE SHOWN IN TABLE F BELOW, FOR THE ELEVEN YEAR PERIOD, 1928 TO 1938.

Year.	Accidents.		Tons mined to one—		Employees to one—		Man days to one—	
	Fatal.	Non-fatal.	Fatal.	Non-fatal.	Fatal.	Non-fatal.	Fatal.	Non-fatal.
1928.....	139	5,785	404,396	9,392	471	11	62,209	1,495
1929.....	109	6,621	560,805	9,232	538	9	71,498	1,177
1930.....	112	5,106	482,456	10,580	500	11	61,012	1,338
1931.....	90	3,800	501,696	11,854	595	14	75,565	1,790
1932.....	114	2,643	299,205	12,884	452	19	56,076	2,418
1933.....	71	3,018	539,720	12,697	683	16	81,228	1,911
1934.....	86	3,133	485,164	13,318	576	16	70,220	1,928
1935.....	82	3,147	548,942	14,304	599	16	67,063	1,747
1936.....	93	3,165	553,504	16,263	528	16	63,448	1,864
1937.....	83	2,887	655,810	18,854	561	16	74,086	2,130
1938.....	84	2,240	504,612	18,923	516	19	64,613	2,422

SHIPPING MINES WHICH SUSPENDED OPERATIONS DURING THE PERIOD 1931 TO 1938 INCLUSIVE SHOWING THE DATE OF LAST OPERATION.

Name of operator.	District.	County.	Month.	Year.
Alcoa Ore Co.	8	St. Clair	March	1932
Brewerton Coal Co., No. 22	10	Franklin	November	1934
Brewerton Coal Co., No. 92	4	Logan	February	1933
Canton Coal Co.	3	Fulton	October	1934
Carterville Mining & Engineering Co.	12	Williamson	April	1937
Carterville Peacock Coal Co., No. 2	12	Williamson	December	1932
City Lake Coal Co.	12	Williamson	May	1935
Cosgrove-Meehan Coal Co., No. 3	12	Williamson	February	1933
Cosgrove-Meehan Coal Co., No. 5	6	Montgomery	March	1933
Dorthel Coal Co., No. 2	3	Fulton	March	1936
Franklin Mining Co.	10	Franklin	October	1934
Gill Coal Co.	8	St. Clair	March	1937
Henrietta Coal Co., H. T.	7	Madison	July	1931
Jefferies Coal Co., No. 1	12	Williamson	December	1935
Jefferies Coal Co., No. 3	12	Williamson	April	1937
Jones Bros. Mining Co., No. 1	8	St. Clair	February	1935
Little Muddy Coal Co.	9	Jackson	July	1933
Madison Coal Corp., No. 2	7	Madison	February	1931
Madison Coal Corp., No. 12	12	Williamson	March	1931
Mine B Coal Co.	4	Sangamon	May	1937
Old Ben Coal Corp., No. 18	12	Williamson	January	1936
Oregon Coal Co.	9	Randolph	April	1937
Panther Creek Mines, Inc., No. 1	4	Sangamon	December	1932
Panther Creek Mines, Inc., No. 3	4	Sangamon	February	1931
Peabody Coal Co., No. 25	12	Williamson	September	1933
Peabody Coal Co., No. 42	11	Saline	October	1933
Peabody Coal Co., No. 51	4	Sangamon	April	1934
Peabody Coal Co., No. 52	4	Sangamon	March	1932
Peacock Coal Co.	9	Jackson	December	1935
Perry Coal Co., Carbon	8	St. Clair	March	1937
Perry Coal Co., Taylor	8	St. Clair	January	1932
Peterson Coal Co.	3	Fulton	August	1937
Sahara Coal Co., No. 3	11	Saline	January	1936
Skaggs Coal Co.	12	Williamson	January	1931
Summit Coal Co.	8	St. Clair	December	1933
Sunrise Coal Co.	12	Williamson	December	1933
Stiers Bros. Construction Co.	7	Madison	May	1935
Talbot Coalery Co.	9	Perry	April	1935
Trux-Traer Coal Co., No. 1	9	Jackson	July	1935
United Electric Coal Co., No. 1	5	Vermillion	October	1933
United States Fuel Co., Verm.	5	Vermillion	March	1932



SHIPPING MINES WHICH SUSPENDED OPERATIONS DURING THE PERIOD,  
1931 TO 1938 INCLUSIVE, SUMMARY BY COUNTIES.

Franklin.....	2	Madison.....	3	St. Clair.....	6
Fulton.....	3	Montgomery.....	1	Saline.....	2
Jackson.....	3	Perry.....	1	Sangamon.....	5
Logan.....	1	Randolph.....	1	Vermilion.....	2
				Williamson.....	11

COMPARATIVE ANNUAL PRODUCTION FIGURES, 1938 AND FOUR PREVIOUS  
YEARS.

	1938	1937	1936	1935	1934
Illinois.....	42,387,368	52,432,255	51,475,899	45,013,278	41,724,078
Indiana.....	13,317,350	9,676,095	16,420,000	a15,440,000	a14,793,000
Kentucky.....	*38,139,837	a47,053,000	47,713,731	a40,478,000	a38,525,000
Pennsylvania.....	76,881,944	110,417,947	108,527,291	a90,795,000	a89,825,000
West Virginia.....	93,511,099	118,965,066	118,134,202	a98,589,000	a98,134,000

a Estimated by U. S. Bureau of Mines.

\* Rail shipping mines only.

# DIRECTORY OF

No.	Name of operator and mine.	Location of mine.		
		Dis. trict.	County.	Post office.
1	Bankston Creek Collieries Co. No. 6	11	Saline	Carrier Mills
2	Bankston Creek Collieries Co. No. 5	11	Saline	Carrier Mills
3	Beaucoup Coal Co.	9	Perry	Pinckneyville
4	Beckemeyer Coal Co.	8	Clinton	Beckemeyer
5	Bell & Zoller Coal & Mining Co. No. 1	10	Franklin	Zeigler
6	Bell & Zoller Coal & Mining Co. No. 2	10	Franklin	Zeigler
7	Blakley Coal Co.	3	Fulton	Canton
8	Blue Bird Coal Co. No. 6	11	Saline	Carrier Mills
9	Bois Coal Co.	9	Washington	Dubois
10	Brewerton Co., The	4	Sangamon	Springfield
11	Buffalo Rock Coal Co.	1	LaSalle	Ottawa
12	Bullock Mining Co.	7	Madison	Collinsville
13	Burn Well Coal Co.	7	Madison	Collinsville
14	Centralia Coal Co.	9	Washington	Centralia
15	Central Illinois Coal Mining Co. "A"	4	Sangamon	Springfield
16	Central State Collieries, Inc.	3	Fulton	St. David
17	Chicago, Wilmington & Franklin Coal Co. No. 1	10	Franklin	Orient
18	Chicago, Wilmington & Franklin Coal Co., New Orient	10	Franklin	West Frankfort
19	Chicopee Coal Co.	7	Madison	Troy
20	Citizens Coal Co.	8	Clinton	Breeze
21	Clarkson Coal & Mining Co.	9	Washington	Nashville
22	Consolidated Coal Co. No. 7	6	Macoupin	Staunton
23	Consolidated Coal Co. No. 15	6	Macoupin	Mt. Olive
24	Consolidated Coal Co., Buckhorn	12	Williamson	Herrin
25	Consolidated Coal Co., New Monarch	12	Williamson	Herrin
26	Conant Coal Co.	9	Perry	Conant
27	Coulterville Coal Co.	9	Perry	Coulterville
28	C. & R. Coal Co.	9	Perry	Cutler
29	Crain Coal Co.	9	Randolph	Percy
30	Crescent Mining Co. No. 1	2	Peoria	Peoria
31	Crescent Mining Co. No. 6	2	Peoria	Peoria
32	Cutler Coal Co.	9	Perry	Cutler
33	Delta Coal Mining Co.	12	Williamson	Marion
34	Diamond Coal Co. No. 2	12	Williamson	Herrin
35	Diamond Coal Co. No. 3	12	Williamson	Herrin
36	Dorthel Coal Co. No. 1	2	Peoria	Hanna City
37	Edgar Coal Co.	9	Perry	Tamaroa
38	Franco Mining Co. No. 1	12	Williamson	Johnston City
39	Franklin County Coal Corp. No. 5	10	Franklin	Herrin
40	Franklin County Coal Corp. No. 7	10	Franklin	Royalton
41	Freeman Coal Mining Co.	12	Williamson	Herrin
42	Forsyth-Carterville Coal Co.	12	Williamson	Carterville
43	Gillespie Coal Co.	6	Macoupin	Gillespie
44	Golden Rule Coal Co.	8	St. Clair	Lenzburg
45	Golden Rule Coal Co.	3	Fulton	Middle Grove
46	Groom Coal Co.	8	St. Clair	Belleville
47	Gundlach Coal Co.	8	St. Clair	East St. Louis
48	Hillsboro Mining Co.	6	Montgomery	Hillsboro
49	Home Coal Co. No. 43	9	Perry	Tamaroa
50	Ill-Mo Coal Co.	9	Randolph	Sparta
51	Illinois Colliery Co.	3	Fulton	Farmington
52	Illinois-Pocahontas Coal Co.	7	Bond	Pocahontas
53	Indiana & Illinois Coal Corp. No. 10	6	Montgomery	Nokomis
54	Lake Erie Mining Co.	2	Tazewell	Peoria
55	Lenzburg Coal Co.	8	St. Clair	Lenzburg
56	Lincoln City Coal Co., Inc.	5	Edgar	St. Berniece
57	Lincoln Liquidating Co.	6	Macoupin	Virden
58	Little John Coal Co.	3	Knox	Victoria
59	Livingston-Mt. Olive Coal Co.	7	Madison	Livingston
60	Lumaghi Coal Co. No. 2	7	Madison	Collinsville
61	McLaren Coal Co. No. 1	12	Williamson	Carterville
62	Macon County Coal Co.	5	Macon	Decatur
63	Madison County Coal & Mining Co.	7	Madison	Edwardsville
64	Marion County Coal Co.	7	Marion	Centralia
65	Marissa Coal Co.	8	St. Clair	Marissa
66	Marvel Coal Co.	12	Williamson	Pittsburg
67	Mascoutah Coal & Mining Co.	8	St. Clair	Mascoutah
68	Midland Electric Coal Corp. No. 1	1	Henry	Atkinson
69	Midland Electric Coal Corp. No. 2	3	Fulton	Farmington

## SHIPPING MINES.

General superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
Paul Halbersleben.	Geo. Eadie.	Sam Cape.	59 E. Van Buren St., Chicago, Ill.	1
Paul Halbersleben.	Geo. Eadie.	.a.	59 E. Van Buren St., Chicago, Ill.	2
.a.	Hawkins Taylor.	.a.	Pinkneyville, Ill.	3
.a.	Wm. Meier.	Wm. Zager.	Beckemeyer, Ill.	4
J. M. Johnston.	Lee Haskins.	John McGreavy.	307 N. Michigan Ave., Chicago, Ill.	5
J. M. Johnston.	Dale Carter.	Wm. Guiney.	307 N. Michigan Ave., Chicago, Ill.	6
Wm. Blakley.	Wm. Blakley.	Dave Jones.	R No. 4, Canton, Ill.	7
J. H. Fletcher.	Thos. Schull.	Guy Hargett.	Carrier Mills, Ill.	8
.a.	.a.	Thos. Heck.	Du Bois, Ill.	9
.a.	John Fox.	John Fox.	Springfield, Ill.	10
F. H. Bird.	C. C. Balser.	C. J. Neisen.	Ottawa, Ill.	11
.a.	.a.	.a.	Collinsville, Ill.	12
.a.	H. D. Thompson.	H. D. Thompson.	Collinsville, Ill.	13
R. J. Oldham.	D. R. Schooler.	H. A. Berger.	307 N. Michigan Ave., Chicago, Ill.	14
.a.	John M. Keirs.	Harry Marshall.	P. O. Box 396, Springfield, Ill.	15
H. N. Case.	G. W. Wilson.	.a.	1706 Arcade Bldg., St. Louis, Mo.	16
H. A. Treadwell.	John Rodenbush.	James Eadie.	332 S. Michigan Ave., Chicago, Ill.	17
H. A. Treadwell.	John R. Foster.	J. T. Smith.	332 S. Michigan Ave., Chicago, Ill.	18
J. W. Cullen.	.a.	B. Schrameck.	Troy, Ill.	19
Frank B. Nieman.	.a.	Henry Knies.	Breese, Ill.	20
Trustee.	.a.	.a.	Nashville, Ill.	21
J. L. Clarkson.	Sam Day.	J. L. Clarkson.	2069 Railway Exchange, St. Louis, Mo.	22
G. S. Jenkins.	S. F. Grono.	John Shamblin.	2069 Railway Exchange, St. Louis, Mo.	23
G. S. Jenkins.	Chas. Haffter.	J. D. Neal.	2069 Railway Exchange, St. Louis, Mo.	24
G. S. Jenkins.	H. A. Maconaghie.	Drelus Pierce.	2069 Railway Exchange, St. Louis, Mo.	25
G. S. Jenkins.	H. A. Maconaghie.	Geo. Cravens.	2069 Railway Exchange, St. Louis, Mo.	26
Fred W. Beck.	.a.	L. L. Freeman.	Conant, Ill.	27
.a.	.a.	Jas. O'Brien.	Coulterville, Ill.	28
.a.	Ora Rednour.	Art Rednour.	Cutler, Ill.	29
.a.	.a.	Theo. Meierhoff.	Percy, Ill.	30
N. C. Prudent.	N. C. Prudent.	Harry Wilkinson, Sr.	307 N. Michigan Ave., Chicago, Ill.	31
N. C. Prudent.	N. C. Prudent.	Chas. Carson.	307 N. Michigan Ave., Chicago, Ill.	32
.a.	.a.	William Wilson.	Cutler, Ill.	33
Merl C. Kelce.	W. H. Price.	.a.	1012 Baltimore Ave., Kansas City, Mo.	34
John Coloni.	John Coloni.	John Coloni.	Herrin, Ill.	35
John Coloni.	John Coloni.	John Coloni.	Herrin, Ill.	36
R. K. Ronk.	R. K. Ronk.	Dave Jones.	8 S. Michigan Ave., Chicago, Ill.	37
.a.	.a.	Wm. T. Edgar.	Tamaroa, Ill.	38
O. D. McDaniel.	O. D. McDaniel.	I. J. Rodden.	Chicago, Ill.	39
Byron Brown.	.a.	James Sneddon.	1740 Field Bldg., Chicago, Ill.	40
Byron Brown.	.a.	J. E. O'Neal.	1740 Field Bldg., Chicago, Ill.	41
F. H. Seymour.	J. F. Seymour.	W. H. Flynn.	Herrin, Ill.	42
.a.	W. R. Forsyth.	.a.	807 Fullerton Bldg., St. Louis, Mo.	43
Nat Farnsworth.	Nat Farnsworth.	Nat Farnsworth.	1409 Boatmens Bank Bldg., St. Louis, Mo.	44
.a.	.a.	Jos. A. Prediger.	Lenzburg, Ill.	45
.a.	.a.	Robert Williams.	Middle Grove, Ill.	46
Robert Groom.	Robert Groom.	Oscar Peterson.	1906 West Main St., Belleville, Ill.	47
O. E. Schaefer.	.a.	Joe Johnson.	Edgemont Sta., E. St. Louis, Ill.	48
Rice W. Miller.	Frank Huml.	Frank Huml.	Hillsboro, Ill.	49
Ned Mallaburn.	.a.	Ned Mallaburn.	Tamaroa, Ill.	50
.a.	.a.	A. Simms.	Sparta, Ill.	51
John Balagna.	.a.	Henry Whited.	Farmington, Ill.	52
.a.	Kenneth Woosley.	Wm. Feldman.	320 N. 4th St., St. Louis, Mo.	53
J. J. Fries.	J. J. Fries.	J. J. Fries.	37 W. Van Buren St., Chicago, Ill.	54
W. C. Gill.	.a.	Edw. J. Schuster.	Box 33, Peoria, Ill.	55
.a.	.a.	Ed Bailey.	Lenzburg, Ill.	56
.a.	.a.	Frank Russell.	610 Tribune Bldg., Terre Haute, Ind.	57
.a.	Joe Dubinick.	Chas. Shearin.	Adams Bldg., Danville, Ill.	58
W. H. Stewart.	L. H. Sherwood.	.a.	1016 Merchants Bank Bldg., Indianapolis, Ind.	59
.a.	.a.	Anton Tarrach.	Livingston, Ill.	60
B. H. Firth.	.a.	Wm. T. Valine.	408 Olive St., St. Louis, Mo.	61
W. S. McLaren.	H. E. Collier.	.a.	Marion, Ill.	62
D. W. Beggs, Sr.	D. W. Beggs, Sr.	Paul Beggs.	700 S. Main St., Decatur, Ill.	63
John Macke.	John Macke.	John Macke.	Edwardsville, Ill.	64
John W. Stedelin.	Grover Wilkinson.	Grover Wilkinson.	Centralia, Ill.	65
.a.	Hy Church.	.a.	Marissa, Ill.	66
E. L. Bryant.	.a.	J. Paul.	Pittsburg, Ill.	67
Edward A. Yoch.	Edward A. Yoch.	John Gray.	Mascoutah, Ill.	68
K. R. Bixby.	H. R. Hays.	.a.	1320 Fletcher Trust Bldg., Indianapolis, Ind.	69
K. R. Bixby.	K. R. Bixby.	.a.	1320 Fletcher Trust Bldg., Indianapolis, Ind.	70

No.	Name of operator and mine.	Location of mine.		
		Dis. trict.	County.	Post office.
70	Moffat Coal Co.	9	Randolph	Sparta
71	F. C. Morgan Coal Co.	5	Vermilion	Oakwood
72	Mt. Olive Coal Co.	6	Macoupin	Mt. Olive
73	Mt. Olive & Staunton C. Co. No. 2	7	Madison	Staunton
74	Mulberry Hill Coal Co.	8	St. Clair	Freeburg
75	New Galum Coal Co.	9	Perry	Cutler
76	New Watson Coal Co.	12	Williamson	Herrin
77	Nokomis Coal Co.	6	Montgomery	Nokomis
78	Northern Illinois Coal Corp. No. 10	1	Will	Wilmington
79	Odin Coal Co.	7	Marion	Odin
80	Old Ben Coal Corp. No. 8	10	Franklin	West Frankfort
81	Old Ben Coal Corp. No. 11	10	Franklin	Coello
82	Old Ben Coal Corp. No. 14	10	Franklin	Buckner
83	Old Ben Coal Corp. No. 15	10	Franklin	West Frankfort
84	Osage Coal Co. No. 1	1	LaSalle	Ottawa
85	Pana Coal Co.	4	Christian	Pana
86	Panther Creek Mines, Inc. No. 4	4	Sangamon	Springfield
87	Panther Creek Mines, Inc. No. 5	4	Sangamon	Springfield
88	Peabody Coal Co. No. 7	4	Christian	Kincaid
89	Peabody Coal Co. No. 8	4	Christian	Kincaid
90	Peabody Coal Co. No. 9	4	Christian	Taylorville
91	Peabody Coal Co. No. 14	9	Perry	DuQuoin
92	Peabody Coal Co. No. 18	10	Franklin	West Frankfort
93	Peabody Coal Co. No. 24	5	Vermilion	Danville
94	Peabody Coal Co. No. 43	11	Saline	Harrisburg
95	Peabody Coal Co. No. 47	11	Saline	Harco
96	Peabody Coal Co. No. 53	4	Sangamon	Springfield
97	Peabody Coal Co. No. 57	4	Sangamon	Springfield
98	Peabody Coal Co. No. 58	4	Christian	Taylorville
99	Peabody Coal Co. No. 59	4	Sangamon	Springfield
100	Penwell Coal Mining Co.	4	Christian	Pana
101	Perfection Coal Co.	9	Perry	DuQuoin
102	Perry Coal Co., St. Ellen	8	St. Clair	O'Fallon
103	Peru Deep Vein Coal Co. No. 3	1	LaSalle	Peru
104	Pinckneyville Mining Co. No. 5	9	Perry	Pinckneyville
105	Prairie Coal Co.	8	St. Clair	O'Fallon
106	H. E. Presswood Coal Co.	9	Perry	Pinckneyville
107	Pschirrer & Sons Coal Co. No. 3	3	Fulton	Canton
108	Pyramid Coal Corp.	9	Perry	Pinckneyville
109	Rex Coal Co. No. 2	11	Saline	Eldorado
110	Roanoke Coal & Tile Co.	2	Woodford	Roanoke
111	Sahara Coal Co. No. 1	11	Saline	Harrisburg
112	Sahara Coal Co. No. 10	11	Saline	Eldorado
113	Sahara Coal Co. No. 12	11	Saline	Harrisburg
114	St. Louis Coal Co.	9	Randolph	Coulterville
115	St. Louis & O'Fallon Coal Co. No. 2	8	St. Clair	East St. Louis
116	Service Coal Co.	8	St. Clair	Belleville
117	Service Coal & Mining Co.	8	St. Clair	Belleville
118	Seymour Coal Mining Co.	12	Williamson	Herrin
119	Shuler Coal Co.	1	Henry	Alpha
120	Skelton Coal Co.	5	Vermilion	Danville
121	South Mine Co.	6	Macoupin	Carlinville
122	Southern Coal, Coke & Mining Co. No. 6	8	St. Clair	Belleville
123	Southern Coal, Coke & Mining Co. No. 7	8	St. Clair	Belleville
124	Southern Coal, Coke & Mining Co. No. 9	8	St. Clair	New Baden
125	Southwestern Illinois Coal Corp.	9	Randolph	Percy
126	Spring Valley Coal Mining Co.	1	Bureau	Spring Valley
127	Superior Coal Co. No. 1	6	Macoupin	Gillespie
128	Superior Coal Co. No. 2	6	Macoupin	Gillespie
129	Superior Coal Co. No. 3	6	Macoupin	Gillespie
130	Superior Coal Co. No. 4	6	Macoupin	Gillespie
131	W. G. Sutton	2	Woodford	Minonk
132	Tilton Mining Co.	5	Vermilion	Danville
133	Truax-Traer Coal Co. No. 1	3	Fulton	St. David
134	Truax-Traer Coal Co. No. 2	3	Fulton	Fiatt
135	Truax-Traer Coal Co. No. 2	9	Jackson	Elkville

## SHIPPING MINES—Continued.

General superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
J. D. Moffat	a.	James R. Byrd	Sparta, Ill.	70
a.	Winnie Peugh	Robert Morgan	411 Underwriters Bldg., Indianapolis, Ind.	71
John Hittmeier	John Hittmeier	Louis Ernst	Mt. Olive, Ill.	72
a.	S. F. McGurk	Sidney Smith	806 Laclede Gas Bldg., St. Louis, Mo.	73
a.	a.	Fred German	Freeburg, Ill.	74
a.	a.	A. S. Killingsworth	Cutler, Ill.	75
Ed McVey	Ed McVey	Jim Watson	501 S. 18th St., Herrin, Ill.	76
Rice W. Miller	Clint Richardson	Clint Richardson	Nokomis, Ill.	77
R. S. Weimer	J. T. Sykes	a.	310 S. Michigan Ave., Chicago, Ill.	78
B. E. Martin, Rec.	Pearl Halfacre	Pearl Halfacre	Odin, Ill.	79
R. L. Adams	H. Lewis	John Land	230 S. Clark St., Chicago, Ill.	80
R. L. Adams	H. Lewis	Grant Anderson	230 S. Clark St., Chicago, Ill.	81
R. L. Adams	H. Lewis	John Vaughn	230 S. Clark St., Chicago, Ill.	82
R. L. Adams	H. Lewis	Joseph McCann	230 S. Clark St., Chicago, Ill.	83
J. F. Lake	Thos. Davison	J. F. Lake	Pittsburg, Kan.	84
G. A. Shafer	S. S. Lewis	James Gray	Pana, Ill.	85
R. C. Solomon	a.	James Barnes	225½ S. Sixth St., Springfield, Ill.	86
R. C. Solomon	R. C. Solomon	John Lanham	225½ S. Sixth St., Springfield, Ill.	87
Samuel J. Wills	John W. Abrell	George W. Mosey	231 S. LaSalle St., Chicago, Ill.	88
Samuel J. Wills	James Lewis	W. C. Craggs	231 S. LaSalle St., Chicago, Ill.	89
Samuel J. Wills	J. W. Hardy	R. E. Crawford	231 S. LaSalle St., Chicago, Ill.	90
J. W. Starks	W. M. Elders	E. B. Dangerfield	231 S. LaSalle St., Chicago, Ill.	91
J. W. Starks	Robert McPhail	John Coleman	231 S. LaSalle St., Chicago, Ill.	92
M. F. Peltier	John Hope	Robert Walker	231 S. LaSalle St., Chicago, Ill.	93
J. W. Starks	S. L. Anderson	Robt. Timpany	231 S. LaSalle St., Chicago, Ill.	94
J. W. Starks	B. F. Burnett	J. E. Vaughn	231 S. LaSalle St., Chicago, Ill.	95
a.	Lewis Waldron	John Kelly	231 S. LaSalle St., Chicago, Ill.	96
M. F. Peltier	Geo. M. Smith	Harry Preval	231 S. LaSalle St., Chicago, Ill.	97
S. J. Wills	Wm. Hardy	Glenn Young	231 S. LaSalle St., Chicago, Ill.	98
a.	A. F. Phillips	John C. Storey	231 S. LaSalle St., Chicago, Ill.	99
Warren Penwell	James Rollo	Richard Rollo	Pana, Ill.	100
W. D. Georg	W. D. Georg	W. D. Georg	DuQuoin, Ill.	101
W. W. Bolt	John Payne	John Payne	1409 Boatmens Bank Bldg., St. Louis, Mo.	102
William Bradbury	a.	William Bradbury	225 Gooding St., LaSalle, Ill.	103
a.	Lawrence Lee	Herb West	Pinckneyville, Ill.	104
James Daniels	Wm. Murdock	a.	1801 Railway Exchange, St. Louis, Mo.	105
H. E. Presswood	a.	Fred Bibb	Pinckneyville, Ill.	106
A. R. Pschirrer	John Pschirrer	Geo. Pschirrer	Canton, Ill.	107
C. W. Woosley	Len Hartwell	a.	230 N. Michigan Ave., Chicago, Ill.	108
a.	George Lindsay	Vern Gidecomb	332 S. Michigan Ave., Chicago, Ill.	109
D. B. Hodel	a.	Ferd Pretet	Ronoke, Ill.	110
Paul Halbersleben	W. H. Evans	Marion Wiley	59 E. Van Buren St., Chicago, Ill.	111
Paul Halbersleben	John Eadie	John Eadie	59 E. Van Buren St., Chicago, Ill.	112
Paul Halbersleben	W. H. Evans	Frank Odum	59 E. Van Buren St., Chicago, Ill.	113
E. H. Larsen	E. H. Larsen	Coulterville, Ill.	114	
W. F. Davis	Joseph Vlasak	2927 S. Broadway, St. Louis, Mo.	115	
D. E. Meyer	D. E. Meyer	Belleville, Ill.	116	
D. E. Meyer	D. E. Meyer	Belleville, Ill.	117	
F. H. Seymour	J. E. Seymour	Herrin, Ill.	118	
Chas. Shuler, Jr.	T. C. Chapman	Alpha, Ill.	119	
J. G. Skelton	J. G. Skelton	625 Warrington St., Danville, Ill.	120	
a.	a.	J. G. Skelton	Carlinville, Ill.	121
S. A. Butler	a.	Paul Cerar	621 Security Bldg., St. Louis, Mo.	122
S. A. Butler	a.	John Green	621 Security Bldg., St. Louis, Mo.	123
S. A. Butler	a.	Adam Rauth	621 Security Bldg., St. Louis, Mo.	124
a.	W. E. Mullins	E. Strotheide	1317 Fletcher Trust Bldg., Indianapolis, Ind.	125
a.	a.	a.	Spring Valley, Ill.	126
D. D. Wilcox	James Powell	A. J. Pricco	400 W. Madison St., Chicago, Ill.	127
D. D. Wilcox	James Powell	Robt. McKee	400 W. Madison St., Chicago, Ill.	128
D. D. Wilcox	James Powell	Lawrence Kiss	400 W. Madison St., Chicago, Ill.	129
D. D. Wilcox	James Powell	Alex Young	400 W. Madison St., Chicago, Ill.	130
W. G. Sutton	Harvey Sutton	Alex Duncan	400 W. Madison St., Chicago, Ill.	131
W. A. Martin	a.	Harvey Sutton	Minonk, Ill.	132
a.	Byron Somers	John Bernard	Sta. C., Danville, Ill.	133
a.	Byron Somers	A. E. Junell	8 S. Michigan Ave., Chicago, Ill.	134
a.	Byron Somers	Gene Long	8 S. Michigan Ave., Chicago, Ill.	135
a.	H. J. Tobin	a.	8 S. Michigan Ave., Chicago, Ill.	135

## DIRECTORY OF

No.	Name of operator and mine.	Location of mine.		
		Dis. trict.	County.	Post office.
136	Ubben Coal Co.....	2	Tazewell.....	Pekin.....
137	Union Coal Co.....	1	LaSalle.....	Peru.....
138	Union Colliery Co.....	9	Jackson.....	Dowell.....
139	United Electric Coal Cos. No. 9.....	3	Fulton.....	Cuba.....
140	United Electric Coal Cos. No. 11.....	9	Perry.....	DuQuoin.....
141	United Electric Coal Cos. No. 13.....	8	St. Clair.....	Freeburg.....
142	United Electric Coal Cos. No. 17.....	3	Fulton.....	Canton.....
143	United States Fuel Co., Bun.....	5	Vermilion.....	Georgetown.....
144	Valier Coal Co. No. 1.....	10	Franklin.....	Valier.....
145	Vinegar Hill Coal Co.....	8	St. Clair.....	Lenzburg.....
146	Wallace Coal Co.....	12	Williamson.....	Marion.....
147	Wasson Coal Co. "A".....	11	Saline.....	Harrisburg.....
148	Wasson Coal Co. No. 1.....	11	Saline.....	Harrisburg.....
149	Whip-Poor-Will Coal Co.....	9	Perry.....	Cutler.....
150	White Coal Co.....	8	St. Clair.....	Belleville.....
151	White County Coal Co.....	11	White.....	Norris City.....
152	Wilmington Coal Mines, Inc.....	1	LaSalle.....	Morris.....

## SHIPPING MINES—Concluded.

General superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
T. H. Ubben.....	T. H. Ubben.....	J. Scheffler.....	Pekin, Ill.....	136
J. D. Walsh.....	a.....	Alex Jones.....	Peru, Ill.....	137
Edward Leming.....	Edward Leming.....	Robert R. Cruse.....	Box 1349 St. Louis, Mo.....	138
a.....	a.....	Carl G. Day.....	307 N. Michigan Ave., Chicago, Ill.....	139
a.....	a.....	Fred A. Huff.....	307 N. Michigan Ave., Chicago, Ill.....	140
a.....	a.....	George D. Huff.....	307 N. Michigan Ave., Chicago, Ill.....	141
a.....	a.....	Carl G. Day.....	307 N. Michigan Ave., Chicago, Ill.....	142
A. F. Dodd.....	Robert Flynn.....	Mark Ord.....	208 S. LaSalle St., Chicago, Ill.....	143
a.....	G. W. Harriman.....	Isaiah Winn.....	547 W. Jackson Blvd., Chicago, Ill.....	144
W. D. Muser.....	a.....	Erwin Groh.....	Lenzburg, Ill.....	145
George A. Wallace.....	John K. Wallace.....	Wm. K. Wallace.....	Marion, Ill.....	146
L. A. Wasson.....	L. A. Wasson.....	John Baggott.....	Harrisburg, Ill.....	147
L. A. Wasson.....	L. A. Wasson.....	John H. Evans.....	Harrisburg, Ill.....	148
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Robert White, Sr.....	Robert White, Jr.....	June Dickson.....	Belleville, Ill.....	150
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## GENERAL STATEMENT

WITH COMPARATIVE FIGURES OF FOUR PREVIOUS YEARS.

	1938	1937	1936	1935	1934
Number of counties producing coal.....	58	58	58	57	58
Number of mines operated.....	969	1,020	1,242	1,350	1,347
Number of shipping mines.....	149	168	176	182	172
Number of local mines.....	820	852	1,066	1,168	1,175
Output in tons, all mines.....	42,387,368	52,432,255	51,475,899	45,013,278	41,724,078
Output in tons, shipping.....	38,442,859	48,062,076	47,285,587	41,410,414	38,655,527
Output in tons, local.....	3,944,509	4,370,179	4,190,312	3,602,864	3,068,551
Tons handled by railroads.....	33,476,344	42,319,509	41,664,226	36,844,180	34,730,011
Tons disposed of otherwise.....	8,911,024	10,112,746	9,811,673	8,169,098	6,994,067
Number employed underground.....	33,014	36,176	38,822	39,572	40,340
Number employed on surface.....	10,406	10,404	10,320	9,528	9,159
Total employees.....	43,420	46,580	49,142	49,100	49,499
Average days worked, shipping mines.....	135	152	153	147	147
Average days worked, local mines.....	123	129	115	107	118
Number of mining machines in use.....	1,020	1,100	1,626	1,139	1,149
Tons undercut by machines.....	28,734,713	36,234,459	37,074,406	32,288,925	30,519,760
Tons mined by hand.....	2,973,756	4,471,926	5,054,305	5,243,004	4,982,074
Tons mined by stripping.....	10,678,899	11,725,870	9,347,188	7,481,349	6,222,244
Number of mechanical loaders in use.....	1,157	1,456	1,573	1,626	1,621
Tons loaded mechanically.....	23,450,474	28,374,362	25,205,170	20,651,707	18,600,174
Kegs of powder used for blasting coal.....	140,312	219,661	279,219	256,296	289,164
Pounds of pellet powder used.....	5,991,452	6,941,151	6,596,956	5,276,649	4,764,606
Pounds of dynamite used.....	808,002	1,229,889	965,900	351,532	99,706
Pounds of permissible explosives used.....	2,119,029	2,611,811	2,330,854	2,188,214	1,877,380
Number of motors used in underground haulage.....	1,305	1,336	1,284	1,137	1,156
Number of animals underground.....	1,837	2,039	2,297	1,437	1,414
Number of fatal accidents.....	84	83	93	82	86
Number of non-fatal accidents.....	2,240	2,887	3,165	3,147	3,133
Tons mined to one man killed.....	504,612	655,810	553,504	548,942	485,164
Tons mined to one man injured.....	18,923	18,854	16,263	14,304	13,318
Number employed to one man killed.....	516	561	528	599	576
Number employed to one man injured.....	19	16	16	16	16
Number of mines using closed lights.....	30	22	24	20	21
Number of mines rock dusted.....	24	18	25	26	29

TABLE 1—CLASSIFICATION OF MINES BY DISTRICTS.

Districts.	All mines.			Shipping mines.			Local mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First.....	111	2,880	2,646,089	9	1,579	2,202,436	102	1,301	443,653
Second.....	97	2,535	1,546,319	7	1,504	1,079,777	90	1,031	466,542
Third.....	222	2,444	3,722,207	11	1,041	3,159,441	211	1,403	562,766
Fourth.....	48	5,638	5,759,403	13	4,956	5,363,931	35	682	395,472
Fifth.....	99	3,159	1,791,376	7	2,283	1,434,773	92	876	356,603
Sixth.....	65	4,366	3,957,491	13	4,133	3,927,286	42	233	30,205
Seventh.....	29	2,413	1,632,684	9	1,963	1,294,683	20	450	338,001
Eighth.....	62	3,300	2,403,174	19	2,387	1,734,033	43	913	669,141
Ninth.....	69	3,798	5,670,462	24	3,491	5,470,523	45	307	199,939
Tenth.....	17	6,698	7,875,534	12	6,611	7,873,999	5	87	1,535
Eleventh.....	69	3,922	3,223,275	12	3,644	3,114,877	57	278	108,398
Twelfth.....	91	2,267	2,159,354	13	1,655	1,787,100	78	612	372,254
Total.....	969	43,420	42,387,368	149	35,247	38,442,859	820	8,173	3,944,509



TABLE 2—AVERAGE MAN-DAY PRODUCTION—SHIPPING MINES.

	Mines reported.	Man days.	Tons mined.	Percent district tonnage reported	Average tons per man per day.
First District—					
Shaft mines.....	4	114, 300	287, 696	100. 00	2. 52
Strip mines.....	5	164, 593	1, 914, 740	100. 00	11. 63
Second District—					
Shaft mines.....	2	154, 764	931, 506	82. 26	6. 02
Strip mines.....	None				
Third District—					
Shaft mines.....	None				
Strip mines.....	7	197, 307	2, 989, 522	100. 00	17. 66
Fourth District—					
Shaft mines.....	10	593, 739	4, 838, 521	90. 20	8. 15
Strip mines.....	None				
Fifth District—					
Shaft mines.....	2	209, 604	1, 050, 360	85. 56	5. 01
Strip mines.....	1	7, 215	153, 994	74. 32	21. 34
Sixth District—					
Shaft mines.....	8	418, 050	2, 969, 440	75. 61	7. 10
Strip mines.....	None				
Seventh District—					
Shaft mines.....	2	27, 721	186, 223	14. 38	6. 72
Strip mines.....	None				
Eighth and Ninth District—					
Shaft mines.....	7	221, 262	1, 478, 347	42. 42	6. 68
Strip mines.....	6	216, 632	3, 719, 583	100. 00	17. 17
Tenth District—					
Shaft mines.....	7	515, 399	4, 008, 627	50. 90	7. 78
Strip mines.....	None				
Eleventh and Twelfth Districts—					
Shaft mines.....	11	407, 578	2, 407, 663	65. 53	5. 91
Strip mines.....	3	74, 260	1, 133, 279	92. 29	15. 26

The above table is a computation of the average man-day production of 53 shaft, slope and drift mines and 22 stripping operations which made special report to the Department of the total man-days of labor of all mine employees. Only the special reports of shipping mines of the above classifications were computed, since the special reports submitted by local mines were insufficient in number to warrant their tabulation. In the mines reported the average man-day production in shaft mines was 6.82 tons in strip mines the average production per man per day was 15.68 tons. Comparative figures of previous years are not available.

TABLE 3—CLASSIFICATION OF MINES BY OUTPUT.

Mines producing.	Shipping mines.			Local mines.			All mines		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 1,000 tons	1	9	643	404	1,465	133,924	405	1,474	134,567
1,000 but less than 10,000	10	448	55,269	314	2,680	1,024,646	324	3,128	1,080,915
10,000 but less than 50,000	37	3,660	1,056,636	85	2,769	1,633,168	122	6,429	2,689,804
50,000 but less than 100,000	19	2,417	1,272,720	16	1,232	1,047,981	35	3,649	2,320,701
100,000 but less than 200,000	18	3,212	2,662,950	1	27	103,790	19	3,239	2,766,740
200,000 but less than 300,000	11	3,705	2,644,185	-----	-----	-----	11	3,705	2,644,185
300,000 but less than 400,000	15	4,656	5,324,981	-----	-----	-----	15	4,656	5,324,981
400,000 but less than 500,000	14	5,447	6,282,977	-----	-----	-----	14	5,447	6,282,977
500,000 but less than 600,000	6	2,328	3,229,453	-----	-----	-----	6	2,328	3,229,453
600,000 but less than 700,000	5	2,564	3,273,321	-----	-----	-----	5	2,564	3,273,321
700,000 but less than 800,000	4	1,944	3,006,316	-----	-----	-----	4	1,944	3,006,316
800,000 but less than 900,000	-----	-----	-----	-----	-----	-----	-----	-----	-----
900,000 but less than 1,000,000	5	2,479	4,702,194	-----	-----	-----	5	2,479	4,702,194
1,000,000 and over	4	2,378	4,931,214	-----	-----	-----	4	2,378	4,931,214
Total	149	35,247	38,442,859	820	8,173	3,944,509	969	43,420	42,387,368

TABLE 4—AVERAGES AND PERCENTAGES, BASED ON TABLE 3.

	Shipping mines.						Local mines.					
	Mines.		Men.		Tons.		Mines.		Men.		Tons.	
	Number.	Per cent.	Average.	Per cent.	Average.	Per cent.	Number.	Per cent.	Average.	Per cent.	Average.	Per cent.
Less than 1,000 tons	1	.7	9	-----	643	-----	404	49.3	3	17.9	332	3.4
1,000 but less than 10,000	10	6.7	45	1.3	5,527	.1	314	38.3	8	32.8	3,266	26.0
10,000 but less than 50,000	37	24.8	99	10.4	28,558	2.7	85	10.3	32	33.9	19,214	41.4
50,000 but less than 100,000	19	12.7	127	6.9	66,985	3.3	16	2.0	77	15.1	65,499	26.6
100,000 but less than 200,000	18	12.0	178	9.1	147,928	6.9	1	.1	27	.3	107,390	2.6
200,000 but less than 300,000	11	7.4	337	10.5	240,380	6.9	-----	-----	-----	-----	-----	-----
300,000 but less than 400,000	15	10.1	310	13.2	354,999	14.0	-----	-----	-----	-----	-----	-----
400,000 but less than 500,000	14	9.4	389	15.5	448,784	16.3	-----	-----	-----	-----	-----	-----
500,000 but less than 600,000	6	4.0	388	6.6	538,242	8.4	-----	-----	-----	-----	-----	-----
600,000 but less than 700,000	5	3.4	513	7.3	654,664	8.5	-----	-----	-----	-----	-----	-----
700,000 but less than 800,000	4	2.7	486	5.5	751,579	7.8	-----	-----	-----	-----	-----	-----
800,000 but less than 900,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
900,000 but less than 1,000,000	5	3.4	496	7.0	940,439	12.3	-----	-----	-----	-----	-----	-----
1,000,000 and over	4	2.7	595	6.7	1,232,804	12.8	-----	-----	-----	-----	-----	-----
Total	149	100.0	a 236	100.0	a 258,005	100.0	820	100.0	a 10	100.0	a 4,810	100.0

a Average.

TABLE 5—CLASSIFICATION OF MINES BY DAYS WORKED.

Mines working.	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 50 days...	13	2, 139	294, 182	130	893	51, 695	143	3, 032	345, 877
50 but less than 100	27	3, 982	1, 850, 449	184	1, 053	260, 794	211	5, 035	2, 111, 243
100 but less than 150	53	16, 652	16, 574, 462	202	2, 262	923, 210	255	18, 914	17, 497, 672
150 but less than 200	37	8, 448	12, 770, 749	177	2, 199	1, 199, 642	214	10, 647	13, 970, 391
200 days and over...	19	4, 026	6, 953, 017	127	1, 766	1, 509, 168	146	5, 792	8, 462, 185
Total.....	149	35, 247	38, 442, 859	820	8, 173	3, 944, 509	969	43, 420	42, 387, 368

TABLE 6—PERCENTAGES OF MINES WORKED, BASED ON TABLE 5.

[illegible]

## SHIPPING MINES—

District.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
First.....	9	2,202,436	1,312,136	439,124	-----	416,398	19,667	15,111
Second.....	7	1,079,777	71,270	852,197	-----	148,902	3,745	3,663
Third.....	11	3,159,441	1,999,917	888,203	-----	158,355	21,876	91,090
Fourth.....	13	5,363,931	4,362,243	551,247	7,716	406,432	29,450	6,843
Fifth.....	7	1,434,773	771,073	443,750	2,865	191,483	10,491	15,111
Sixth.....	13	3,927,286	623,731	2,856,866	17,352	199,457	141,707	88,173
Seventh.....	9	1,294,683	677,465	139,309	-----	366,413	49,918	61,578
Eighth.....	19	1,734,033	537,181	251,338	10,923	831,715	46,767	56,109
Ninth.....	24	5,470,523	2,736,707	1,894,849	38,612	527,429	70,351	202,575
Tenth.....	12	7,873,999	5,079,807	2,259,815	-----	88,563	121,458	324,356
Eleventh.....	12	3,114,877	2,424,583	515,154	-----	41,683	50,237	83,220
Twelfth.....	13	1,787,100	1,218,078	492,833	-----	25,119	34,018	17,052
Total.....	149	38,442,859	21,814,191	11,584,685	77,468	3,401,949	599,685	964,881

\* 71,795 tons shipped by barges.

## LOCAL

First.....	102	443,653	-----	-----	-----	423,169	12,546	7,938
Second.....	90	466,542	-----	-----	-----	457,515	2,913	6,114
Third.....	211	562,766	-----	-----	-----	541,762	10,331	10,673
Fourth.....	35	395,472	-----	-----	-----	374,958	7,811	12,703
Fifth.....	92	356,603	-----	-----	-----	245,785	103,822	6,996
Sixth.....	42	30,205	-----	-----	-----	29,030	974	201
Seventh.....	20	338,001	-----	-----	-----	303,955	15,433	18,613
Eighth.....	43	669,141	-----	-----	-----	631,369	10,092	27,680
Ninth.....	45	199,939	-----	-----	-----	182,483	9,470	7,986
Tenth.....	5	1,535	-----	-----	-----	409	1,126	-----
Eleventh.....	57	108,398	-----	-----	-----	98,956	2,998	6,444
Twelfth.....	78	372,254	-----	-----	-----	356,562	4,685	11,007
Total.....	820	3,944,509	-----	-----	-----	3,645,953	182,201	116,355

## ALL

First.....	111	2,646,089	1,312,136	439,124	-----	839,567	32,213	23,049
Second.....	97	1,546,319	71,270	852,197	-----	606,417	6,658	9,777
Third.....	222	3,722,207	1,999,917	888,203	-----	700,117	32,207	101,763
Fourth.....	48	5,759,403	4,362,243	551,247	7,716	781,390	37,261	19,546
Fifth.....	99	1,791,376	771,073	443,750	2,865	437,268	114,313	22,107
Sixth.....	55	3,957,491	623,731	2,856,866	17,352	228,487	142,681	88,374
Seventh.....	29	1,632,684	677,465	139,309	-----	670,368	65,351	80,191
Eighth.....	62	2,403,174	537,181	251,338	10,923	1,463,084	56,859	83,789
Ninth.....	69	5,670,462	2,736,707	1,894,849	38,612	709,912	79,821	210,561
Tenth.....	17	7,875,534	5,079,807	2,259,815	-----	88,972	122,584	324,356
Eleventh.....	69	3,223,275	2,424,583	515,154	-----	140,639	53,235	89,664
Twelfth.....	91	2,159,354	1,218,078	492,833	-----	381,681	38,703	28,059
Total.....	969	42,387,368	21,814,191	11,584,685	77,468	7,047,902	781,886	1,081,236

## RECAPITULATION FOR STATE.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
1,579	168	6,428	89,200	100,800	65,374	6	3	176,454	111,242	1,914,740	117
1,504	110	-----	292,100	-----	2,000	56	23	1,023,609	56,168	-----	134
1,041	179	867	98,435	18,040	165,475	12	7	169,919	-----	2,989,522	31
4,956	139	22,144	2,801,225	10,600	10,950	51	148	4,683,885	680,046	-----	224
2,283	128	1,133	124,625	24,750	173,375	68	66	1,221,943	5,627	207,203	35
4,133	157	2,225	706,650	1,150	230,400	68	179	3,927,286	-----	-----	39
1,963	113	659	275,150	1,170	41,050	68	54	1,294,683	-----	-----	74
2,387	125	14,326	445,700	9,425	5,500	46	66	1,061,509	441,369	231,155	102
3,491	133	6,829	438,975	26,450	245,225	76	98	1,836,812	145,283	3,488,428	85
6,611	128	-----	-----	850	704,540	196	398	7,873,999	-----	-----	44
3,644	136	-----	125,300	580,467	162,490	172	157	2,385,088	110	719,729	98
1,655	105	550	108,525	600	277,200	39	52	1,274,165	4,713	508,222	20
35,247	135	55,161	5,455,885	774,302	2,089,579	858	1,251	26,939,302	1,444,558	10,058,999	1,003

## MINES.

1,301	116	9,081	64,900	4,115	-----	15	7	87,784	177,252	178,617	104
1,031	139	9,793	80,646	375	-----	31	10	335,327	126,448	4,767	97
1,403	112	17,437	76,200	2,800	2,000	20	6	240,442	247,641	74,683	169
682	171	14,214	79,725	-----	-----	9	5	136,378	259,094	-----	73
876	126	6,932	29,450	60	23,450	14	7	223,999	113,064	19,540	74
233	115	957	-----	25	-----	2	-----	4,841	25,127	237	7
450	153	2,307	19,025	-----	-----	20	5	322,678	15,323	-----	28
913	139	13,979	23,960	26,300	-----	10	9	100,025	323,913	245,203	79
307	134	2,661	25,222	-----	-----	14	1	75,925	55,954	68,060	41
87	41	-----	-----	-----	4,000	-----	2	-----	1,181	354	-----
278	99	1,328	34,582	25	-----	11	1	66,540	36,797	5,061	49
612	129	6,462	101,857	-----	-----	16	1	201,472	147,404	23,378	113
8,173	123	85,151	535,567	33,700	29,450	162	54	1,795,411	1,529,198	619,900	834

## MINES.

2,880	120	15,509	104,100	104,915	65,374	21	10	264,238	288,494	2,093,357	221
2,535	137	9,793	372,746	375	2,000	87	33	1,358,936	182,616	4,767	231
2,444	116	18,304	174,635	20,840	167,475	32	13	410,361	247,641	3,064,205	200
5,638	162	36,358	2,880,950	10,600	10,950	60	153	4,820,263	939,140	-----	297
3,159	126	8,065	154,075	24,810	196,825	82	73	1,445,942	118,691	226,743	109
4,366	106	3,182	706,650	1,175	236,400	70	179	3,932,127	25,127	237	46
2,413	140	2,966	294,175	1,170	41,050	88	59	1,617,361	15,323	-----	102
3,300	135	28,305	469,660	35,725	5,500	56	75	1,161,534	765,282	476,358	181
3,798	133	9,490	464,197	26,450	245,225	90	99	1,912,737	201,237	3,556,488	126
6,698	102	-----	-----	850	708,540	196	400	7,873,999	1,181	354	44
3,922	107	1,328	159,882	580,492	162,490	183	158	2,461,578	36,907	724,790	147
2,267	126	7,012	210,382	600	277,200	55	53	1,475,637	152,117	531,600	133
43,420	125	140,312	5,991,452	808,002	2,119,029	1,020	1,305	28,734,713	2,973,756	10,678,899	1,837

TABLE 7—SHIPPING MINES—LOCATION, TONS MINED AND RANK, EMPLOYEES, DAYS WORKED, AVERAGE DAILY PRODUCTION AND RANK, ARRANGED IN ALPHABETICAL ORDER.

Rank.	Name of operator and mine.	Location.		Production in tons.	Number employed.	Days worked.	Av. daily production.	
		District.	Post office of mine.				Tons.	Rank.
74	Bankston Creek Colliery Co., No. 5.	11	Carrier Mills.	144, 251	79	308	468	103
13	Bankston Creek Colliery Co., No. 6.	11	Carrier Mills.	719, 729	160	216	3, 332	27
125	Beaumont Coal Co.	13	Pinckneyville.	20, 035	114	197	102	133
94	Beckemeyer Coal Co.	9	Beckemeyer.	59, 825	114	125	479	101
8	Bell & Zoller Coal & Mining Co., No. 1.	10	Zeigler.	933, 474	623	131	7, 126	3
11	Bell & Zoller Coal & Mining Co., No. 2.	10	Zeigler.	758, 459	92	135	5, 618	8
67	Blakely Coal Co.	3	Carion	54, 035	92	201	269	121
91	Blue Bird Coal Co., No. 6.	11	Carrier Mills.	216, 140	112	143	1, 511	65
123	Bois Coal Co.	9	Dubois.	20, 723	52	208	100	134
78	Brewerton Coal Co., The	4	Springfield.	111, 789	139	262	427	107
120	Buffalo Rock Coal Co.	1	Ottawa.	23, 900	22	90	266	122
137	Bullock Mining Co.	7	Collinsville.	13, 308	60	41	325	116
124	Burn Well Coal Co.	7	Collinsville.	20, 443	57	70	292	119
69	Centralia Coal Co., No. 5.	7	Centralia.	170, 905	227	93	1, 888	58
73	Central Illinois Coal Mining Co., "A"	4	Springfield	152, 330	325	94	1, 621	62
36	Central State Collieries, Inc.	121	St. David.	423, 694	526	175	2, 421	43
16	Chicago, Wilmington & Franklin Coal Co., No. 1.	10	Orient.	669, 039	133	133	5, 030	12
3	Chicago, Wilmington & Franklin Coal Co., New Orient.	10	West Frankfort.	1, 237, 860	950	133	9, 307	1
93	Chicopee Coal Co.	7	Troy.	61, 910	116	102	607	89
104	Clarkson Coal & Mining Co.	9	Breese.	51, 124	120	105	487	100
140	Consant Coal Co.	9	Nashville	46, 440	88	125	372	112
40	Consolidated Coal Co., No. 7.	14	Conant	10, 735	14	59	59	139
55	Consolidated Coal Co., No. 15.	6	Staunton.	387, 982	253	165	2, 351	48
79	Consolidated Coal Co., Buckhorn	480	Mt. Olive.	258, 536	480	82	3, 153	30
43	Consolidated Coal Co., New Monarch	12	Herrin	111, 369	65	195	3, 571	92
132	Cottleville Coal Co.	340	Herrin	379, 533	340	119	3, 189	26
117	C. & R. Coal Co.	9	Cullerville	16, 050	104	41	391	104
143	Crain Coal Co.	9	Cutler	25, 256	100	55	459	104
27	Crecent Mining Co., No. 1.	2	Percy.	7, 147	10	132	37	141
28	Crecent Mining Co., No. 6.	2	Peoria.	466, 598	364	194	2, 405	45
103	Cutler Coal Co.	320	Peoria.	494, 907	320	136	3, 418	25
47	Delta Coal Mining Co.	12	Cutler	47, 979	97	108	444	105
145	Diamond Coal Co., No. 2.	12	Marion	338, 484	91	146	2, 318	50
150	Diamond Coal Co., No. 3.	12	Herrin	6, 550	10	79	83	138
136	Dorthel Coal Co., No. 1.	2	Herrin	2, 160	10	37	58	140
144	Edgar Coal Co.	9	Hauna City.	13, 544	136	20	677	87
24	Franko Mining Co., No. 1.	2	Tamaroa.	6, 977	25	150	46	142
89	Franklin County Coal Corp., No. 5.	10	Johnston City.	82, 949	331	57	1, 455	66
28		12	Herrin.	462, 976	534	145	3, 193	28

32	Franklin County Coal Corp., No. 7	10	Royalton	451,703	507	110	4,106
110	Freeman Coal Mining Co.	12	Herrin	37,551	288	19	1,976
82	Forsyth-Carterville Coal Co., No. 1	12	Carterville	88,122	27	126	1,699
57	Gillespie Coal Co.	6	Gillespie	237,991	224	197	1,208
100	Golden Rule Coal Co.	8	Lenzburg	50,444	52	124	1,407
116	Golden Rule Coal Co.	3	Middle Grove	25,872	32	268	135
106	Groom Coal Co.	8	Belleville	44,214	86	101	438
70	Gundlach Coal Co.	8	East St. Louis	167,933	129	160	1,050
107	Hillsboro Mining Co.	6	Hillsboro	41,891	167	78	1,534
115	Home Coal Co., No. 43	9	Tamaroa	25,900	50	158	164
127	Illinois Colliery Co.	3	Farmington	19,073	51	121	269
138	Ill-Mo Coal Co.	9	Sparta	12,941	28	150	86
88	Illinois-Pocahontas Coal Co.	7	Pocahontas	71,725	116	114	629
62	Indiana & Illinois Coal Corp., No. 10	6	Nokomis	212,864	398	79	2,694
89	Lake Erie Mining Co.	2	Peoria	70,958	134	163	427
95	Lenzburg Coal Co.	8	Lenzburg	55,872	53	166	343
98	Lincoln City Coal Co., Inc.	5	St. Bernicee	53,210	31	75	85
81	Lincoln Liquidating Co.	3	Virden	103,360	128	204	507
25	Little John Coal Co.	7	Victoria	490,309	99	198	2,522
118	Livinston-Mt. Olive Coal Co.	3	Livinston	25,095	225	43	584
48	Lunaigh Coal Co., No. 2	7	Collinsville	328,484	309	136	2,415
87	McLaren Coal Co., No. 1	12	Carterville	75,065	51	76	988
76	Macon County Coal Co.	5	Decatur	122,328	281	153	789
64	Madison County Coal & Mining Co.	7	Edwardsville	197,406	170	220	897
66	Marion County Coal Co.	7	Centralla	183,070	230	154	1,189
135	Marissa Coal Co.	8	Marissa	14,138	32	126	115
122	Marvel Coal Co.	12	Pittsburg	22,270	96	43	465
126	Mascontan Coal & Mining Co.	8	Mascontan	19,820	53	68	291
22	Midland Electric Coal Corp., No. 1	1	Atkinson	538,684	140	260	2,072
15	Midland Electric Coal Corp., No. 2	3	Farmington	671,414	173	289	2,323
60	Mofat Coal Co.	9	Sparta	221,574	300	173	1,282
71	F. C. Morgan Coal Co.	5	Oakwood	153,993	35	149	1,033
80	Mt. Olive Coal Co.	3	Mt. Olive	108,380	149	135	84
39	Mt. Olive & Staunton Coal Co., No. 2	7	Staunton	390,089	493	133	2,933
112	Mulberry Hill Coal Co.	8	Freeburg	32,184	75	60	32
128	New Galum Coal Co.	9	Cutler	18,451	31	140	536
149	New Watson Coal Co.	12	Herrin	2,553	8	75	131
43	Nokomis Coal Co.	6	Nokomis	380,408	213	160	2,378
2	Northern Illinois Coal Corp., No. 10	1	Williamington	1,252,018	465	270	4,637
148	Odin Coal Co.	7	Odin	3,144	155	6	524
21	Old Ben Coal Corp., No. 8	10	West Frankfort	541,710	451	134	4,043
45	Old Ben Coal Corp., No. 11	10	Coele	372,606	313	111	3,357
23	Old Ben Coal Corp., No. 14	10	Buckner	513,562	429	131	3,920
26	Old Ben Coal Corp., No. 15	10	West Frankfort	467,271	454	122	3,830
83	Osage Coal Co., No. 1	8	Ottawa	84,473	68	173	23
108	Pana Coal Co.	4	Pana	40,477	127	82	488
68	Panther Creek Mines, Inc., No. 4	4	Springfield	175,531	422	129	1,361
56	Panther Creek Mines, Inc., No. 5	4	Springfield	238,090	437	174	1,368
9	Peabody Coal Co., No. 7	4	Kincaid	923,362	527	155	5,957
6	Peabody Coal Co., No. 8	4	Kincaid	950,278	527	153	6,211

TABLE 7

Rank.	Name of operator and mine.	Location.		Production in tons.	Number employed.	Days worked.	Av. daily production.	
		District.	Post office.				Tons.	Rank.
5	Peabody Coal Co., No. 9	4	Taylorville	955,789	554	159	6,011	6
46	Peabody Coal Co., No. 14	9	DuQuoin	364,003	524	106	3,434	24
37	Peabody Coal Co., No. 18	10	West Frankfort	421,545	494	118	3,503	21
33	Peabody Coal Co., No. 24	5	Danville	445,157	547	111	4,003	18
58	Peabody Coal Co., No. 43	11	Harrisburg	236,704	331	111	2,132	52
31	Peabody Coal Co., No. 47	11	Harco	455,320	658	116	3,925	19
42	Peabody Coal Co., No. 53	4	Springfield	380,768	417	139	2,739	26
50	Peabody Coal Co., No. 57	4	Springfield	320,499	427	120	2,671	39
12	Peabody Coal Co., No. 58	4	Taylorville	745,288	412	180	4,140	14
54	Peabody Coal Co., No. 59	4	Springfield	290,782	402	112	2,596	40
86	Pennell Coal Mining Co.	4	Pana	78,948	240	43	1,836	60
109	Perfection Coal Co.	9	DuQuoin	39,689	49	48	827	79
46	Perry Coal Co., St. Ellen	8	O'Fallon	355,553	332	245	1,451	67
96	Perry Deep Vein Coal Co.	1	Peru	54,638	135	77	309	117
129	Pinkneynville Mining Co., No. 5	9	Pinkneynville	18,435	38	79	233	125
85	Prairie Coal Co.	8	O'Fallon	79,944	204	92	869	77
151	Presswood Coal Co., H. E.	9	Pinkneynville	643	9	84	8	144
90	Eschmire & Sons Coal Co., No. 3	3	Canton	70,939	115	191	371	113
1	Pyramid Coal Corp.	9	Pinkneynville	1,397,542	380	199	7,023	4
5	Rex Coal Co., No. 2	11	Eldorado	318,350	300	147	2,166	51
142	Roanoke Coal & Tile Co.	2	Roanoke	7,270	110	37	196	128
63	Sahara Coal Co., No. 1	11	Harrisburg	206,997	527	74	2,797	34
53	Sahara Coal Co., No. 10	11	Eldorado	293,352	430	142	2,066	55
119	Sahara Coal Co., No. 12	11	Harrisburg	24,945	424	13	1,919	57
72	St. Louis Coal Co.	9	Conterville	152,489	204	95	1,605	63
52	St. Louis & O'Fallon Coal Co.	8	East St. Louis	300,900	375	220	1,368	68
133	Service Coal Co.	8	Belleville	15,029	71	64	235	123
121	Service Coal & Mining Co.	8	Belleville	22,536	69	110	205	126
30	Seymour Coal Mining Co.	12	Herrin	456,166	306	162	2,816	33
91	Shuler Coal Co.	1	Alpha	65,499	163	170	385	111
147	Skelton Coal Co.	5	Danville	5,623	15	163	34	143
130	Southern Coal, Coke & Mining Co., No. 6	6	Carlinville	18,203	42	91	200	127
114	Southern Coal, Coke & Mining Co., No. 7	8	Belleville	26,895	101	63	427	107
75	Southern Coal, Coke & Mining Co., No. 8	8	Belleville	125,790	140	176	715	84
131	Southern Coal, Coke & Mining Co., No. 9	8	New Baden	17,273	245	20	864	78
14	Southwestern Illinois Coal Corp.	9	Percy	682,089	105	165	4,134	15
105	Spring Valley Coal Mining Co.	1	Spring Valley	45,743	229	107	427	107
38	Superior Coal Co., No. 1	6	Gillespie	408,707	390	194	2,107	53
19	Superior Coal Co., No. 2	6	Gillespie	563,848	466	239	2,369	47
17	Superior Coal Co., No. 3	6	Gillespie	645,576	458	231	2,795	35
20	Superior Coal Co., No. 4	6	Gillespie	559,740	765	189	2,962	31



102	Sutton, W. G.	2	Minonk	48,898	182	139	352	114
101	Tilton Mining Co.	5	Danville	49,259	72	126	391	110
34	Truax-Traer Coal Co., No. 2	9	Elkville	429,817	152	111	3,872	22
49	Truax-Traer Coal Co., No. 1	3	St. David	323,966	81	121	2,672	38
44	Truax-Traer Coal Co., No. 2	3	Fiatt	383,956	98	149	2,577	41
141	Ubben Coal Co.	2	Pekin	7,602	38	80	95	136
77	Union Coal Co.	1	Peru	121,816	325	211	577	91
10	Union Colliery Co.	9	Dowell	782,840	625	154	5,083	11
67	United Electric Coal Cos., No. 9	3	Cuba	175,874	102	108	1,628	61
7	United Electric Coal Cos., No. 11	9	DuQuoin	939,291	248	181	5,189	10
59	United Electric Coal Cos., No. 13	8	Freeburg	231,155	64	145	1,594	64
24	United Electric Coal Cos., No. 17	3	Canton	511,909	77	203	2,522	42
18	United States Fuel Co., Bun	5	Georgetown	605,203	1,302	116	5,217	9
4	Valley Coal Co.	10	Valer	1,043,794	583	138	7,564	2
113	Vinegar Hill Coal Co.	8	Lenzburg	30,601	58	64	478	102
65	Wallace Coal Co.	12	Marion	184,327	62	234	788	82
92	Wasson Coal Co., "A"	11	Harrisburg	63,039	255	87	725	83
35	Wasson Coal Co., No. 1	11	Harrisburg	429,807	301	234	1,837	59
139	Whip-Poor-Will Coal Co.	9	Cutler	12,572	96	32	393	109
111	White Coal Co.	8	Belleville	32,503	84	139	234	124
140	White County Coal Co.	11	Norris City	6,243	67	36	173	129
134	Wilmington Coal Mines, Inc.	1	Morris	15,665	32	52	301	118
Total				38,442,859	35,247	135	268,191	

TABLE 8—OUTPUT OF SHIPPING MINES AND

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				Jan.		Feb.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
BUREAU COUNTY—FIRST DISTRICT											
S-1	Spring Valley Coal Mining Co.....	No. 3.....	Spring Valley.....	18	9,413	12	6,780	7	3,737	4	2,112
HENRY COUNTY—FIRST DISTRICT.											
S-1	Midland Electric Coal Corp.....	No. 1.....	Atkinson.....	25	51,889	22	47,705	18	37,186	23	48,019
S-2	Shuler Coal Co.....	No. 2.....	Alpha.....	20	9,444	21	7,886	13	4,421	13	4,553
Total and Average.....				23	61,333	22	55,591	16	41,607	18	52,572
LA SALLE COUNTY—FIRST DISTRICT											
S-1	Buffalo Rock Coal Co.....		Ottawa.....	14	3,554	9	2,785	11	3,675	6	1,649
S-2	Peru Deep Vein Coal Co.....	No. 3.....	Peru.....	21	6,441	20	6,211	13	3,949	12	3,318
S-3	Union Coal Co.....		Peru.....	21	16,142	13	10,535	15	7,014	17	8,725
S-4	Wilmington Coal Mines, Inc.....	No. 4.....	Morris.....	9	5,222	12	5,590	12	2,221	5	1,544
S-5	Osage Coal Co.....	No. 1.....	Ottawa.....	25	14,583	24	7,955	14	5,872	3	3,204
Total and Average.....				18	45,942	16	33,076	13	22,731	9	18,440
WILL COUNTY—FIRST DISTRICT											
S-1	Northern Illinois Coal Corp.....	No. 10.....	Wilmington.....	25	126,596	23	120,212	26	109,659	20	76,854
PEORIA COUNTY—SECOND DISTRICT											
S-1	Crescent Mining Co.....	No. 1.....	Peoria.....	20	48,403	19	43,936	19	44,882	8	19,286
S-2	Crescent Mining Co.....	No. 6.....	Peoria.....	17	57,735	14	50,897	12	41,945	9	28,616
S-3	Dorthel Coal Co.....	No. 3.....	Hanna City.....	10	7,112	10	6,432				
Total and average.....				16	113,250	14	101,265	16	86,827	9	47,902
TAZEWELL COUNTY—SECOND DISTRICT.											
S-1	Lake Erie Mining Co.....		Peoria.....	18	14,105	16	9,249	13	6,519	13	4,751
S-2	Ubben Coal Co.....		Pekin.....	25	3,411	23	2,069	20	1,436	12	686
Total and average.....				22	17,516	20	11,318	17	7,955	13	5,437
WOODFORD COUNTY—SECOND DISTRICT.											
S-1	Roanoke Coal & Tile Co.....		Roanoke.....	17	3,532	11	2,293	9	1,445		
S-2	W. G. Sutton.....		Minonk.....	18	6,601	13	4,487	10	3,322	6	1,862
Total and average.....				18	10,133	12	6,780	10	4,767	6	1,862
FULTON COUNTY—THIRD DISTRICT.											
S-1	Blakley Coal Co.....		Canton.....	27	6,134	23	4,037	19	3,671	8	1,580
S-2	Central State Collieries, Inc.....		St. David.....	9	22,095	11	26,218	9	23,751	10	25,172
S-5	Golden Rule Coal Co.....		Middle Grove.....	24	2,887	24	2,503	25	2,818	21	2,132
S-6	Illinois Colliery Co.....		Farmington.....	5	2,063	9	3,060	6	2,251	7	2,089
S-7	Midland Electric Coal Corp.....	No. 2.....	Farmington.....	23	62,475	24	65,715	23	58,008	23	53,347
S-10	Peschirrer & Sons Coal Co.....	No. 3.....	Canton.....	22	10,986	20	9,455	21	3,339	10	1,473
S-12	Truax-Traer Coal Co.....	No. 1.....	St. David.....	8	24,448	11	34,099	11	32,119	8	22,012
S-13	Truax-Traer Coal Co.....	No. 2.....	Fiatt.....			3	5,909	9	17,454	10	24,440
S-14	United Electric Coal Companies.....	No. 9.....	Cuba.....	4	9,148	2	4,690	7	15,691	5	10,752
S-15	United Electric Coal Companies.....	No. 17.....	Canton.....	12	35,808	15	33,288	14	33,091	15	28,775
Total and average.....				15	176,044	14	188,974	14	192,193	12	171,772

## DAYS WORKED EACH MONTH IN 1938.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Total.		Mine index number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.		Tons.	
								11	2,269	19	6,215	17	6,851	19	8,366	107	45,743	S-1
18	34,724	14	29,202	15	28,823	24	45,278	25	53,428	26	56,584	24	51,135	26	54,711	260	538,684	S-1
6	1,714	6	1,831	6	2,387	9	2,720	16	5,681	19	7,178	20	7,975	21	9,709	170	65,499	S-2
12	36,438	10	31,033	11	31,210	17	47,998	22	59,109	23	63,762	22	59,110	24	64,420	215	604,183	
4	507							9	2,500	7	1,600	11	2,830	19	4,800	90	23,900	S-1
7	2,133	5	1,642	4	1,260	12	3,851	22	6,855	18	4,871	22	6,944	21	7,163	177	54,638	S-2
16	6,846	15	6,294	4	1,249	22	9,111	22	10,278	22	12,072	22	15,841	22	17,709	211	121,816	S-3
								2	99	2	88	4	239	6	662	52	15,665	S-4
6	2,235	2	2,217	3	2,492	7	3,939	17	8,211	23	8,408	24	10,700	25	14,657	173	84,473	S-5
8	11,721	7	10,153	4	5,001	14	16,901	14	27,943	14	27,039	17	36,554	19	44,991	141	300,492	
20	77,244	22	85,491	18	78,373	23	96,797	22	112,544	23	121,527	22	120,883	26	125,838	270	1,252,018	S-1
16	38,525	14	34,963	13	31,775	17	41,359	17	39,634	17	40,705	17	41,945	17	41,185	194	466,598	S-1
8	27,402	8	26,074	8	25,167	10	33,442	11	37,366	12	40,957	13	45,612	14	49,694	136	464,907	S-2
																20	13,544	S-3
12	65,927	11	61,037	11	56,942	14	74,801	14	77,000	15	81,662	15	87,557	16	90,879	117	945,049	
8	3,515	11	4,390	6	2,229	9	3,331	17	5,954	19	6,239	18	4,573	18	6,103	166	70,958	S-1
																80	7,602	S-2
8	3,515	11	4,390	6	2,229	9	3,331	17	5,954	19	6,239	18	4,573	18	6,103	123	78,560	
2	492	6	1,537	7	1,964	8	2,546	17	5,736	16	6,061	16	6,891	20	7,399	139	7,270	S-1
																	48,898	S-2
2	492	6	1,537	7	1,964	8	2,546	17	5,736	16	6,061	16	6,891	20	7,399	88	56,168	
4	808	3	932	2	904	21	4,647	24	8,067	23	5,800	22	7,517	25	9,938	201	54,035	S-1
7	14,929	11	26,967	13	32,548	13	32,348	18	41,502	24	53,700	24	60,288	26	64,176	175	423,694	S-2
18	1,871	19	1,925	21	2,105	27	1,469	23	1,652	20	1,350	20	1,958	26	3,202	268	25,872	S-5
1	223	1	269	1	365	5	911	12	1,734	7	1,703	7	1,730	10	2,675	71	19,073	S-6
22	45,908	24	53,895	24	49,714	27	55,105	25	40,527	26	54,992	24	66,906	24	64,822	289	671,414	S-7
4	696	5	760	5	1,052	14	2,772	21	8,659	21	8,016	24	10,648	24	13,083	191	70,939	S-10
7	16,633	5	11,275	6	15,258	9	22,509	13	33,182	10	26,652	14	37,557	19	47,622	121	323,366	S-12
10	23,142	12	27,971	15	35,641	15	38,657	17	46,800	16	44,829	19	54,171	23	64,942	149	383,956	S-13
6	8,167	6	5,610	11	8,645	10	9,406	16	19,958	15	30,047	12	25,736	14	28,024	108	175,874	S-14
15	38,512	16	43,459	18	40,346	19	46,253	22	50,218	20	48,944	19	57,713	18	55,502	203	511,909	S-15
9	150,889	10	173,063	12	186,578	16	214,077	19	252,299	18	276,033	19	324,224	21	353,986	178	2,660,132	

TABLE 8—

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				Jan.		Feb.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
KNOX COUNTY—THIRD DISTRICT.											
S-2	Little John Coal Co.....	No. 5.....	Victoria.....	15	40,426	17	37,557	13	32,741	13	33,921
CHRISTIAN COUNTY—FOURTH DISTRICT.											
S-1	Pana Coal Co.....	No. 7.....	Pana.....	22	11,597	18	10,688	10	7,010	14	7,902
S-2	Peabody Coal Co.....	No. 7.....	Kincaid.....	15	87,457	14	85,010	12	75,727	16	98,821
S-3	Peabody Coal Co.....	No. 8.....	Kincaid.....	16	95,371	13	80,624	13	81,552	--	--
S-4	Peabody Coal Co.....	No. 9.....	Taylorville.....	16	93,762	13	69,008	9	54,727	17	105,319
S-5	Peabody Coal Co.....	No. 58.....	Taylorville.....	18	72,795	18	72,819	17	71,040	12	50,301
S-6	Penwell Coal Mining Co.....		Pana.....	6	12,432	4	8,093	5	9,968	--	--
Total and average.....				16	373,414	13	326,242	11	300,024	15	262,343
SANGAMON COUNTY—FOURTH DISTRICT.											
S-1	Central Illinois Mining Co.....	A.....	Springfield.....	21	32,603	17	27,355	12	19,605	--	--
S-3	Panther Creek Mines, Inc.....	No. 4.....	Springfield.....	16	27,943	18	18,190	20	20,565	--	--
S-4	Panther Creek Mines, Inc.....	No. 5.....	Springfield.....	18	30,685	24	25,179	16	17,445	20	31,579
S-5	Peabody Coal Co.....	No. 53.....	Springfield.....	17	46,470	17	44,973	11	31,099	12	33,396
S-6	Peabody Coal Co.....	No. 57.....	Springfield.....	15	40,139	11	30,675	10	27,122	--	--
S-7	Peabody Coal Co.....	No. 59.....	Springfield.....	19	47,707	12	32,252	10	25,595	12	31,785
S-9	Brewerton Co., The.....	No. 81.....	Springfield.....	22	9,284	22	9,284	22	9,285	22	9,284
Total and average.....				18	234,831	17	187,908	14	150,716	16	106,044
EDGAR COUNTY—FIFTH DISTRICT.											
S-1	Lincoln City Coal Co., Inc.....		St. Berniece, Ind.....	10	7,341	11	8,212	7	5,498	1	50
MACON COUNTY—FIFTH DISTRICT.											
S-1	Macon County Coal Co.....		Decatur.....	26	20,975	22	17,099	16	12,813	10	8,133
VERMILION COUNTY—FIFTH DISTRICT.											
S-1	United States Fuel Co.....	Bun.....	Georgetown.....	13	72,017	12	64,881	11	58,634	8	42,097
S-2	Peabody Coal Co.....	No. 24.....	Danville.....	13	50,482	13	52,277	12	49,368	9	37,056
S-3	F. C. Morgan Coal Co.....		Oakwood.....	16	14,228	15	15,140	15	15,567	13	12,655
S-4	Tilton Mining Co.....		Danville.....	13	4,552	18	5,148	10	3,675	11	4,209
S-6	Skelton Coal Co.....		Danville.....	20	655	20	518	10	381	10	340
Total and average.....				15	141,934	16	137,964	12	127,625	10	96,357
MACOUPIN COUNTY—SIXTH DISTRICT											
S-1	Consolidated Coal Co.....	No. 7.....	Staunton.....	8	17,870	9	18,547	10	21,641	8	18,041
S-2	Consolidated Coal Co.....	No. 15.....	Mt. Olive.....	14	55,014	12	47,396	8	30,380	6	24,008
S-3	Gillespie Coal Co.....	No. 53.....	Gillespie.....	22	26,446	20	23,834	17	20,488	15	18,261
S-4	Mt. Olive Coal Co.....		Mt. Olive.....	18	13,712	12	9,093	10	8,258	10	7,516
S-5	South Mine Co.....		Carlinville.....	19	3,497	12	2,498	6	1,112	5	916
S-6	Superior Coal Co.....	No. 1.....	Gillespie.....	21	42,093	19	38,281	11	23,114	12	24,784
S-7	Superior Coal Co.....	No. 2.....	Gillespie.....	24	52,389	17	38,774	12	27,979	12	27,278
S-8	Superior Coal Co.....	No. 3.....	Gillespie.....	22	62,173	19	54,395	11	30,956	12	31,793
S-9	Superior Coal Co.....	No. 4.....	Gillespie.....	21	73,830	19	57,845	17	60,264	19	68,504
S-10	Lincoln Liquidating Co.....		Viriden.....	23	10,831	20	9,475	20	10,132	19	10,027
Total and average.....				19	357,855	16	310,138	12	234,324	12	231,128

Continued.

## Number of days in operation and tons of coal mined.

May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Total.		Mine index number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
14	31,427	14	35,047	11	28,991	15	40,767	21	55,193	19	47,230	20	47,726	26	68,283	198	499,309	S-2
18	111,762	15	95,232	13	76,445	10	53,862	21	127,339	10	59,138	9	53,362	18	3,280	82	40,477	S-1
19	114,747	15	93,784	13	81,980	10	62,262	9	57,172	18	114,227	11	69,712	17	110,969	155	923,362	S-2
13	54,608	15	63,223	14	83,103	19	116,675	11	66,612	9	54,201	19	117,018	13	101,832	153	950,278	S-3
						17	70,805	17	71,037	17	68,855	18	76,549	18	80,617	159	955,789	S-4
										8	11,128	9	16,206	11	73,256	180	745,288	S-5
															21,121	43	78,948	S-6
17	281,117	15	252,239	13	241,528	14	303,604	14	322,160	12	307,549	13	332,847	16	391,075	129	3,694,142	
15	25,587			16	28,669			9	14,267	8	20,238	15	25,195	16	27,334	94	152,330	S-1
								21	34,736	6	9,895	13	9,246	18	17,169	129	175,531	S-3
				15	41,301			20	52,590	15	42,404	17	47,519	15	16,242	174	238,090	S-4
19	51,853			16	40,540			8	19,694	15	41,391	12	31,069	14	41,016	139	380,768	S-5
22	9,284	22	9,284	22	9,284	22	9,284	22	9,284	22	9,284	21	30,241	13	38,016	120	320,499	S-6
													9,474	21	35,280	112	290,782	S-7
															9,474	262	111,789	S-9
19	86,724	18	77,025	17	119,794	20	89,184	16	131,405	13	137,107	14	164,520	16	184,531	147	1,669,789	
				4	2,987	6	4,423	9	6,214	9	6,301	9	5,966	9	6,218	75	53,210	S-1
4	2,498	2	1,266	3	2,096	4	3,098	11	8,480	12	9,473	20	16,428	25	19,969	155	122,328	S-1
6	32,029	8	41,384	7	36,341	8	40,615	8	40,035	10	51,699	10	49,869	15	75,602	116	605,203	S-1
7	30,838	6	25,421	7	29,454	5	21,239	2	7,549	10	38,452	11	42,787	16	60,234	111	445,157	S-2
8	9,456	8	8,610	9	8,281	10	10,800	14	11,250	13	14,463	13	16,814	15	16,699	149	153,993	S-3
9	3,277	9	3,513	7	2,829	8	3,314	9	4,096	8	3,344	11	4,813	13	6,489	126	49,259	S-4
7	228	5	163	8	321	14	456	16	499	17	644	17	675	19	743	163	5,623	S-6
7	75,828	7	79,091	8	77,226	9	76,424	10	63,459	12	108,602	12	114,958	16	159,767	133	1,259,235	
11	25,565	13	30,447	19	44,212	15	34,115	20	46,788	19	47,876	16	40,097	17	42,783	165	387,982	S-1
										10	21,581	14	33,831	18	46,326	82	258,536	S-2
11	13,467	10	12,400	9	11,184	13	16,107	15	18,183	19	22,624	20	24,543	26	30,454	197	237,991	S-3
9	6,492	7	5,257	6	4,961	7	8,821	15	10,902	12	10,018	15	12,044	14	11,306	135	108,380	S-4
	65							11	2,083	10	2,086	12	2,572	16	3,374	91	18,203	S-5
14	29,276	3	6,505			14	29,994	25	50,137	25	54,395	24	52,990	26	57,138	194	408,707	S-6
16	37,871	17	39,932	25	59,622	24	57,957	23	53,451	25	60,277	18	44,359	26	63,959	239	563,848	S-7
11	31,474	13	36,786	25	70,829	27	76,068	19	49,545	25	69,711	24	66,852	23	64,994	231	645,576	S-8
10	35,853	14	49,626					14	19,944	25	50,735	24	61,297	26	72,742	189	559,740	S-9
11	5,519	18	8,685			23	9,367	19	8,635	16	8,223	16	10,196	19	12,270	204	103,360	S-10
12	185,582	12	189,638	17	190,808	18	232,429	18	258,768	19	347,526	18	348,781	21	405,346	173	3,292,323	

TABLE 8—

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				Jan.		Feb.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
	MONTGOMERY COUNTY—SIXTH DISTRICT.										
S-1	Hillsboro Mining Co.		Hillsboro	22	9,639	9	5,138	7	4,116		
S-2	Indiana & Illinois Coal Corp.	No. 10	Nokomis	6	19,156	6	18,756	6	17,699	5	13,034
S-3	Nokomis Coal Co.		Nokomis	12	27,197	10	23,378	13	32,750	13	33,392
	Total and average			13	55,992	8	47,272	9	54,565	9	46,426
	BOND COUNTY—SEVENTH DISTRICT.										
S-1	Illinois-Pocahontas Coal Co.	A	Pocahontas	12	10,092	9	5,777	9	6,024	8	4,406
	MADISON COUNTY—SEVENTH DISTRICT.										
S-1	Bullock Mining Co.		Collinsville	19	6,805	13	4,417	9	2,086		
S-1	Burn Well Coal Co.		Collinsville								
S-2	Chicopee Coal Co.		Troy	17	10,648	10	6,182	3	2,180	2	1,121
S-3	Livingston-Mt. Olive Coal Co.		Livingston	9	6,891	4	3,017				
S-4	Lumaghi Coal Co.	No. 2	Collinsville	21	51,438	18	45,463	11	28,126	11	27,275
S-5	Madison County Coal & Mining Co.										
S-6	Mt. Olive & Staunton Coal Co.	Thermal No. 2	Edwardsville	20	18,550	16	16,525	13	11,954	19	15,389
			Staunton	9	26,374	7	21,115	9	26,525	6	17,700
	Total and average			16	120,706	11	96,719	9	70,871	10	61,485
	MARION COUNTY—SEVENTH DISTRICT.										
S-1	Marion County Coal Co.	Glen Ridge	Centralia	17	28,804	12	20,971	10	16,933		
S-2	Odin Coal Co.		Odin	6	3,144						
	Total and average			12	31,948	12	20,971	10	16,933		
	CLINTON COUNTY—EIGHTH DISTRICT.										
S-1	Beckemeyer Coal Co.		Beckemeyer	19	9,941	16	7,636	8	4,037	4	2,629
S-2	Citizens Coal Co.		Breese	20	10,230	10	4,554	5	3,409	2	906
S-4	Southern Coal, Coke & Mining Co.	No. 9	New Baden	10	9,657	6	4,624	4	2,992		
	Total and average			16	29,828	11	16,814	6	10,428	3	3,535
	ST. CLAIR COUNTY—EIGHTH DISTRICT.										
S-3	Golden Rule Coal Co.		Lenzburg	15	6,568	9	3,491	6	2,489	10	4,189
S-4	Groom Coal Co.		Belleville	17	8,864	12	6,869	6	3,504	5	2,748
S-5	Gundlach Coal Co.		East St. Louis	15	15,477	13	13,377	16	16,853	10	10,605
S-6	Lenzburg Coal Co.		Lenzburg	7	2,992	11	4,398	14	4,941	10	3,732
S-7	Mulberry Hill Coal Co.		Freeburg	16	9,235	13	7,196	6	3,906		
S-8	Marissa Coal Co.		Marissa	14	4,733	2	476	9	1,338	13	683
S-10	Perry Coal Co.	St. Ellen	O'Fallon	24	47,129	21	40,842	18	22,429	13	12,623
S-11	Prairie Coal Co.		O'Fallon	20	19,047	12	10,096	5	5,036	4	3,589
S-13	St. Louis & O'Fallon Coal Co.	No. 2	East St. Louis	14	17,624	16	20,119	17	22,374	17	22,043
S-14	Service Coal Co.		Belleville	25	6,677	22	5,268	17	3,000		84
S-14	Service Coal & Mining Co.		Belleville								
S-16	Southern Coal, Coke & Mining Co.	No. 6	Belleville	20	10,678	20	10,033	19	4,951	4	1,233
S-17	Southern Coal, Coke & Mining Co.	No. 7	Belleville	24	20,648	12	10,814			7	3,155
S-18	United Electric Coal Cos.	No. 13	Freeburg	16	26,996	7	9,185	8	15,069	9	16,438
S-19	Vinegar Hill Coal Co.		Lenzburg	10	5,829	10	5,463	1	536		
S-20	White Coal Co.		Belleville	26	7,776	24	7,474	12	2,622		
S-21	Mascoutah Coal & Mining Co.		Mascoutah	17	6,134	6	2,026	7	2,640	9	2,582
	Total and average			18	216,407	13	157,127	11	111,688	9	83,701

A fine index  
number.

May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Total.		Mine index number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
4	10,443	5	13,073	4	10,565	5	12,852	5	2,434	11	6,270	11	6,459	13	7,635	78	41,691	S-1
8	20,367	9	22,933	9	22,073	13	33,159	16	20,158	8	20,969	10	25,423	12	30,736	79	212,864	S-2
									37,604	14	28,665	21	47,291	22	51,599	160	380,408	S-3
6	30,810	7	36,006	7	32,638	9	46,011	10	60,196	11	55,904	14	79,173	16	89,970	106	634,963	
6	3,477	5	3,006	5	3,290	7	4,240	11	6,233	12	7,225	14	8,442	16	9,513	114	71,725	S-1
	144	1	306	3	1,639	10	2,045	16	4,171	15	3,844	13	4,242	18	6,141	41	13,308	S-1
							4,067	15	9,200	16	9,271	12	9,051	13	8,101	70	20,443	S-1
										4	1,395	12	5,664	14	8,128	102	61,910	S-2
5	11,064	4	8,885	5	10,230	9	20,219	17	40,877	16	39,371	17	41,053	2	4,483	136	328,484	S-3
20	16,504	19	14,851	15	12,482	15	12,295	18	16,792	23	19,901	20	19,689	22	22,474	220	197,406	S-5
5	14,560	12	33,879	12	36,048	11	33,398	11	32,463	14	41,323	18	52,878	19	53,826	133	390,089	S-6
10	42,272	9	57,921	9	60,399	11	72,024	15	103,503	15	115,105	15	132,577	15	103,153	124	1,036,735	
		8	7,624	14	13,837	17	17,255	16	16,489	16	16,397	21	21,624	23	23,145	154	183,079	S-1
																6	3,144	S-2
		8	7,624	14	13,837	17	17,255	16	16,489	16	16,397	21	21,624	23	23,145	80	186,223	
2	929	3	1,100	2	836	8	2,551	11	5,897	17	8,388	17	7,702	18	8,179	125	59,825	S-1
1	423	4	1,759	4	1,837	6	2,970	12	5,347	13	5,900	12	6,102	16	7,687	105	51,124	S-2
																20	17,273	S-4
2	1,352	4	2,859	3	2,673	7	5,521	12	11,244	15	14,288	15	13,804	17	15,866	83	128,222	
11	4,535	13	5,141	3	1,209	11	4,307	11	4,220	9	3,514	13	5,385	13	5,396	124	50,444	S-3
2	1,618	3	1,162	2	1,430	4	1,346	7	2,451	10	2,596	13	4,524	20	7,102	101	44,214	S-4
7	7,274	8	8,823	13	14,234	15	16,678	13	14,244	14	14,797	15	15,254	21	21,317	160	167,983	S-5
6	1,838	5	1,552	17	5,235	21	5,724	17	5,469	15	5,284	18	6,463	22	7,244	163	55,872	S-6
		10	411	3	114	10	556	19	1,147	16	1,535	17	1,913	13	1,532	60	32,184	S-7
16	15,362	16	16,598	18	19,400	25	31,373	23	35,425	22	34,751	23	38,093	26	41,528	245	355,553	S-10
1	810				3	2,263	9	6,776	12	10,484	12	9,575	14	12,268	92	79,944	S-11	
17	23,520	16	21,693	15	20,934	20	28,988	21	29,868	22	30,823	23	32,711	22	30,203	220	300,900	S-13
						14	1,205	24	4,900	25	4,877	23	5,023	24	6,531	64	15,029	S-14
																63	22,536	S-14
																26	26,895	S-16
6	9,882	8	13,801	9	6,160	22	11,655	24	15,639	23	18,368	22	18,128	25	21,223	176	125,790	S-17
					13,428	14	17,725	15	22,397	16	25,997	18	30,067	19	30,170	145	231,155	S-18
								3	1,221	11	5,059	15	6,327	14	6,166	64	30,601	S-19
								5	751	24	2,778	24	3,853	24	7,249	139	32,503	S-20
								14	2,774	6	1,236			9	2,428	68	19,820	S-21
8	64,839	10	69,181	11	82,144	14	121,820	14	147,282	16	162,099	17	181,699	19	207,821	125	1,605,811	

TABLE 8—

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				Jan.		Feb.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
JACKSON COUNTY—NINTH DISTRICT											
S-1	Truax-Traer Coal Co.	No. 2	Elkville.	7	25,751	8	29,470	10	38,483	8	31,742
S-2	Union Colliery Co.	Kathleen.	Dowell.	21	100,450	10	48,138	8	37,929	4	19,061
Total and average				14	126,201	9	77,608	9	76,412	6	50,803
PERRY COUNTY—NINTH DISTRICT.											
S-2	Beaucoup Coal Co.		Pinckneyville.	9	939	15	1,326	22	2,298	18	1,821
S-3	H. E. Presswood Coal Co.		Pinckneyville.								
S-4	Pinckneyville Mining Co., Inc.	No. 5	Pinckneyville.	5	1,892	9	3,961	3	1,029		
S-5	Conant Coal Co.		Conant.	4	244	13	778	18	1,097	15	928
S-6	Peabody Coal Co.	No. 14	DuQuoin	15	46,683	10	33,252	5	17,438	5	16,507
S-8	Cutler Coal Co., Inc.		Cutler.	4	2,712	1	548	4	1,843	10	3,738
S-9	Home Coal Co.	No. 43	Tamaroa	20	3,440	13	2,010	11	1,625	5	700
S-10	Edgar Coal Co.		Tamaroa	20	1,536	19	1,507	6	677	12	401
S-11	New Galum Coal Co.		Cutler	12	1,940	13	1,866	16	1,650	13	1,623
S-12	Perfection Coal Co.		DuQuoin	9	7,033	6	4,894	4	3,728	3	2,733
S-13	Pyramid Coal Corp.		Pinckneyville.	20	164,915	15	129,825	17	113,536	18	79,982
S-14	United Electric Coal Cos.	No. 11	DuQuoin	14	71,164	12	69,317	13	80,294	15	73,139
S-15	Whip-Poor-Will Coal Co.	No. 44	Cutler					9	3,231	4	1,798
S-15	C. & R. Coal Co.	No. 44	Cutler								
S-16	Coulterville Coal Co.	Perco.	Coulterville.	7	4,556	8	4,781	6	2,842		
Total and average				12	307,054	11	254,065	10	231,288	11	183,370
RANDOLPH COUNTY—NINTH DISTRICT.											
S-2	Crsin Coal Co.		Percy	21	825	14	713	15	680	6	639
S-3	Ill-Mo Coal Co.		Sparta	14	1,221	15	1,435	15	1,621	13	932
S-4	Moffat Coal Co.		Sparta	16	28,208	14	28,054	22	25,195	14	16,739
S-6	St. Louis Coal Co.		Coulterville	10	15,632	8	12,576	8	11,342	5	8,145
S-7	Southwestern Illinois Coal Corp.		Percy	11	46,557	14	46,181	15	63,387	11	48,930
Total and average				14	92,443	13	88,959	15	102,225	10	75,385
WASHINGTON COUNTY—NINTH DISTRICT.											
S-1	Centralia Coal Co.	No. 5	Centralia	8	14,927	5	8,845	6	11,921	11	20,573
S-2	Clarkson Coal & Mining Co.		Nashville	13	5,116	13	4,910	11	4,267	11	3,943
S-3	Bois Coal Co.		DuBois	24	2,068	12	681	8	371	11	833
Total and average				15	22,111	10	14,436	8	16,559	11	25,349
FRANKLIN COUNTY—TENTH DISTRICT.											
S-1	Bell & Zoller Coal & Mining Co.	No. 1	Zeigler	17	124,327	10	74,754	10	70,165	5	32,528
S-2	Bell & Zoller Coal & Mining Co.	No. 2	Zeigler	19	105,481	11	62,916	3	16,713	8	44,732
S-3	Chicago, Wilmington & Franklin Coal Co.	No. 1	Orient	16	80,593	13	68,134	7	36,331	18	95,126
S-4	Chicago, Wilmington & Franklin Coal Co.	No. 2	West Frankfort	17	158,348	12	118,055	9	90,781		
S-6	Franklin County Coal Corp.	No. 5	Herrin	21	69,855	14	48,217	8	30,086	8	29,870
S-7	Franklin County Coal Corp.	No. 7	Royalton	15	60,969	8	33,268	7	29,914		
S-8	Old Ben Coal Corp.	No. 8	West Frankfort	15	61,045	11	45,953	7	28,989	3	12,497
S-9	Old Ben Coal Corp.	No. 11	Coello	11	35,448	12	39,012	6	20,090	1	3,438
S-10	Old Ben Coal Corp.	No. 14	Buckner	19	75,173	11	42,000	7	26,823	8	31,894
S-11	Old Ben Coal Corp.	No. 15	West Frankfort	19	71,270	14	53,453	6	23,717	8	31,535
S-12	Peabody Coal Co.	No. 18	West Frankfort	14	52,526	10	38,157	6	20,585		
S-14	Valier Coal Co.	No. 1	Valier	12	90,587	12	92,323	12	91,615	8	59,850
Total and average				16	985,622	12	716,242	7	485,809	7	341,470



Continued.

## Number of days in operation and tons of coal mined.

May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Total.		Mine index number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
5	20,219	6	24,622	5	19,706	8	31,836	12	48,479	11	43,963	12	45,746	19	69,800	111	429,817	S-1
4	19,176	5	24,971	14	69,958	17	87,336	15	78,480	17	88,845	18	92,214	21	116,282	154	782,840	S-2
5	39,395	6	49,593	10	89,664	13	119,172	14	126,959	14	132,808	15	137,960	20	186,082	133	1,212,657	
10	1,057	10	1,017	18	1,863	18	1,818	16	1,653	22	2,174	15	1,454	24	2,615	197	20,035	S-2
---	---	---	---	---	---	5	50	10	125	28	200	23	200	18	68	84	643	S-3
---	---	---	---	---	---	10	1,264	15	2,646	10	2,125	15	2,515	12	3,003	79	18,435	S-4
15	939	15	913	10	630	16	979	20	1,114	20	1,103	20	1,103	16	907	182	10,735	S-5
---	---	10	32,852	4	13,778	8	26,206	12	44,240	9	33,726	13	47,008	15	52,313	106	364,003	S-6
5	1,998	9	3,491	4	1,624	9	3,819	10	4,202	16	6,917	17	7,610	19	9,477	108	47,979	S-8
8	1,125	6	950	5	700	8	1,300	20	3,200	20	3,200	20	3,550	22	4,100	158	25,900	S-9
14	564	---	---	---	---	11	306	13	427	18	540	18	478	19	541	150	6,977	S-10
2	241	2	156	2	283	8	862	19	2,210	15	2,016	17	2,279	21	3,325	140	18,451	S-11
2	1,684	2	1,851	2	1,655	2	1,860	3	2,769	4	3,130	5	3,627	6	4,725	48	39,689	S-12
19	86,787	15	106,918	10	74,180	13	97,397	17	104,897	16	125,531	20	159,469	19	154,105	199	1,397,542	S-13
15	68,353	17	77,720	15	65,844	15	74,051	15	79,787	15	86,296	17	94,684	18	98,642	181	939,291	S-14
5	1,903	7	2,869	7	2,771	7	2,823	10	4,116	7	3,409	14	6,231	17	8,677	32	12,572	S-15
---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	3,871	41	16,050	S-16
10	164,651	9	228,737	8	163,328	10	212,735	14	251,386	15	270,367	16	330,208	18	346,369	126	2,943,558	
5	179	4	217	6	294	8	394	16	620	17	705	20	893	20	988	152	7,147	S-2
10	608	10	618	7	428	9	811	10	995	15	1,263	12	1,184	20	1,825	150	12,941	S-3
10	12,445	13	12,038	13	14,418	8	14,221	16	19,966	16	16,539	16	17,005	15	16,746	173	221,574	S-5
3	4,630	4	6,154	2	3,040	5	7,590	11	17,808	11	18,459	13	21,647	15	25,466	95	152,489	S-6
9	40,413	10	40,582	10	43,369	12	50,568	18	82,868	16	59,577	18	72,873	21	86,784	165	682,089	S-7
7	58,275	8	59,609	8	61,549	8	73,584	14	122,257	15	96,543	16	113,602	18	131,809	147	1,076,240	
6	11,451	5	9,342	9	16,220	5	9,289	6	10,747	7	12,849	11	19,372	14	25,369	93	170,905	S-1
8	3,039	6	2,406	9	3,133	8	2,981	14	5,090	7	2,529	12	4,265	13	4,761	125	46,440	S-2
5	134	19	583	21	811	23	1,997	21	3,059	21	3,334	21	3,304	22	3,548	208	20,723	S-3
6	14,624	10	12,331	13	20,164	12	14,267	14	18,896	12	18,712	15	26,941	16	33,678	142	238,068	
7	43,775	7	48,028	8	62,701	13	87,047	12	87,338	11	72,800	15	107,049	16	122,962	131	933,474	S-1
5	23,884	7	41,244	6	34,962	8	46,666	16	90,178	21	120,302	15	83,431	16	87,950	135	758,439	S-2
---	---	17	88,097	---	---	7	33,317	11	54,510	11	55,388	16	78,033	17	79,510	133	669,039	S-3
10	100,392	---	---	12	112,110	12	111,651	17	151,166	14	123,825	13	118,443	17	153,089	133	1,237,860	S-4
---	---	12	43,098	18	47,763	10	23,788	9	24,747	11	32,893	16	52,471	18	60,188	145	462,976	S-6
10	41,330	---	---	1	3,740	13	51,121	9	37,324	17	68,941	14	58,055	16	67,041	110	451,703	S-7
---	---	13	50,439	14	57,543	15	57,314	13	50,946	13	52,734	11	45,269	19	78,981	134	541,710	S-8
---	---	8	26,692	10	35,109	7	22,804	15	50,401	11	37,656	14	48,432	16	53,524	111	372,606	S-9
7	26,849	---	---	---	---	16	64,912	15	58,071	13	51,691	17	67,496	18	68,653	131	513,562	S-10
10	38,291	---	---	---	---	4	13,922	14	52,634	16	62,844	14	55,530	17	64,075	122	467,271	S-11
---	---	8	31,748	9	34,749	9	35,617	13	51,396	8	51,442	14	55,435	17	69,505	108	421,545	S-12
8	61,013	9	66,621	9	66,677	10	73,697	11	82,436	12	89,313	14	108,028	21	161,634	138	1,043,794	S-14
8	335,534	10	395,967	10	455,354	10	621,856	13	791,147	13	800,214	14	877,672	17	1,067,012	128	7,873,999	

TABLE 8—

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				Jan.		Feb.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
	SALINE COUNTY—ELEVENTH DISTRICT.										
S-1	Bankston Creek Colliery Co.	No. 6	Carrier Mills	21	59,469	15	52,231	21	66,879	13	44,956
S-2	Blue Bird Coal Co.	No. 5	Carrier Mills	†							
S-3	Blue Bird Coal Co.	No. 6	Carrier Mills	20	30,355	18	26,737	14	21,886	8	11,309
S-4	Peabody Coal Co.	No. 43	Harrisburg	12	24,780	11	23,863	6	14,538	10	20,988
S-5	Peabody Coal Co.	No. 47	Harco	15	55,021	12	47,634	8	32,322		
S-6	Rex Coal Co.	No. 2	Eldorado	17	39,932	15	33,448	14	28,309	14	30,874
S-7	Sabara Coal Co.	No. 1	Harrisburg	14	39,023	14	40,382	7	20,202		
S-9	Sahara Coal Co.	No. 10	Eldorado	14	28,128	12	23,922	8	16,435	10	20,624
S-10	Sahara Coal Co.	No. 12	Harrisburg	9	18,881			4	6,064		
S-11	Wasson Coal Co.	A	Harrisburg	13	15,307	7	8,378	2	2,758		
S-12	Wasson Coal Co.	No. 1	Harrisburg	22	39,972	23	40,877	20	36,356	14	27,344
S-16	Bankston Creek Colliery Co.	No. 5	Carrier Mills	26	6,771	24	5,816	27	5,013	26	6,283
	Total and average			17	357,639	15	303,288	12	250,762	14	162,378
	WHITE COUNTY—ELEVENTH DISTRICT.										
S-1	White County Coal Co.		Norris City	12	2,468	13	2,704	11	1,071		
	WILLIAMSON COUNTY—TWELFTH DISTRICT.										
S-1	Marvel Coal Co.		Pittsburg	2	992	9	3,182	5	3,099		
S-3	Consolidated Coal Co.	New Monarch	Herrin	15	50,487	11	37,874	8	28,134	8	28,238
S-4	Delta Coal Mining Co.		Marion	11	25,538	9	19,163	9	23,650	8	18,635
S-6	Diamond Coal Co.	No. 2	Herrin	11	1,150			13	1,850	15	1,150
S-7	Forsyth-Carterville Coal Co.	No. 1	Carterville	10	8,499	5	3,625	3	2,502	4	5,509
S-8	Franco Mining Co.	No. 1	Johnston City	14	23,899	9	14,599	9	14,799	9	10,841
S-9	Freeman Coal Mining Co.		Herrin	14	28,606	5	8,882				
S-10	McLaren Coal Co.	No. 1	Carterville	2	2,043			3	2,630	4	3,474
S-15	New Watson Coal Co.		Herrin	3	381	6	533				
S-17	Seymour Coal Mining Co.		Herrin	13	34,580	14	37,614	8	22,171	7	18,346
S-19	Wallace Coal Co.		Marion	20	14,410	20	16,424	21	17,825	19	16,922
S-20	Consolidated Coal Co.	Buckhorn	Herrin			2	832	15	6,005	22	8,752
S-21	Diamond Coal Co.	No. 3	Herrin								
	Total and average			10	190,585	9	142,728	9	122,665	11	111,867
	Grand total and average			16	1,286,099	13	3,493,826	11	2,890,527	11	2,265,105

† Tonnage included in report of Blue Bird Coal Co., No. 6.

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Number of days in operation and tons of coal mined.																				Mine index number.
May.		June.		July.		August		Sept.		Oct.		Nov.		Dec.		Total.				
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.			
12	42,684	14	53,111	14	49,055	15	51,462	22	69,638	22	73,566	21	76,174	26	80,504	216	719,729	7-1		
9	13,867	12	11,888	8	11,276	16	34,493	16	20,177	15	21,076	14	22,776	13	24,793	143	216,140	7-2		
8	30,362	12	25,552	9	34,292	16	34,493	20	77,751	15	34,359	13	26,301	16	31,830	111	236,704	7-3		
10	22,205	14	31,093	14	30,661	13	28,043	13	33,267	14	57,327	14	56,827	16	63,784	116	455,320	7-4		
				15	28,877	16	33,217	23	48,372	15	30,679	21	43,106	147	318,350	7	206,997	7-5		
										13	33,267	12	33,667	14	40,456	74	293,352	7-6		
										17	35,572	13	28,933	14	29,272	132	24,945	7-7		
8	15,220	14	25,844	17	31,891	21	40,285	22	41,133	25	4,990	24	12,796	24	18,810	87	63,039	7-8		
26	9,511	26	7,756	25	7,717	27	6,240	25	9,707	25	43,397	24	44,897	24	42,591	234	429,807	7-9		
										25	22,707	25	26,095	26	30,635	398	144,251	7-10		
12	133,849	15	155,244	15	193,769	18	193,740	21	266,778	18	326,261	17	359,145	19	405,781	145	3,108,634	7-11		
																	36	6,243	7-12	
										3	483	14	6,522	12	7,992	45	22,270	7-13		
13	28,376	6	21,447	4	11,189	18	33,250	8	26,900	12	42,107	12	41,365	9	30,166	119	379,533	7-14		
8	29,799	17	36,159	13	24,657	14	30,668	14	34,621	12	30,505	10	27,180	16	37,909	146	338,484	7-15		
9	150	11	2,250	14		6				17	12,266	18	9,519	19	10,704	126	88,122	7-16		
5	4,653	7	6,302	13	9,174	12	6,609	13	8,760	17			9,519	19		57	82,949	7-17		
8	9,333	9	9,478													63	37,551	7-18		
5	5,293	8	8,344	7	7,289	6	5,676	10	9,140	10	9,621	10	9,457	11	12,099	76	75,066	7-19		
										22	540	23	560	21	539	75	2,553	7-20		
9	25,598	11	33,694	9	25,815	13	37,620	17	50,067	19	55,567	20	54,289	22	60,805	162	456,166	7-21		
19	15,302	23	17,411	20	14,880	21	16,689	14	11,515	19	15,118	22	16,295	16	11,536	234	184,327	7-22		
23	10,081	26	15,741	22	15,809	3	2,298	18	8,633	21	12,085	22	13,389	21	17,744	195	111,369	7-23		
								7	660	8	500	11	550	11	450	37	2,160	7-24		
11	128,585	13	150,826	13	108,813	12	132,810	13	150,296	14	178,792	16	179,126	16	190,007	105	1,787,100	7-25		
10	2,027,065	11	2,229,914	11	2,313,349	13	2,841,415	15	3,461,199	15	3,747,041	16	4,139,842	18	4,747,477	135	38,442,859	7-26		

TABLE 9—CLASSIFICATION

Mine index number.	Name of operator.	Post office of mine.	Underground.										
			Brattice men.	Cagers.	Drivers.	Electricians and helpers. Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners. Pumpmen and pipemen.
BUREAU COUNTY—FIRST DISTRICT.													
S-1	Spring Valley Coal Mining Co., No. 3.....	Spring Valley	2	12			1	3	180				
HENRY COUNTY—FIRST DISTRICT.													
S-1	Midland Electric Coal Corp., No. 1.....	Atkinson											
S-2	Shuler Coal Co., No. 2.....	Alpha	1	15			1	1	119				
	Total.....		1	15			1	1	119				
LA SALLE COUNTY—FIRST DISTRICT													
S-1	Buffalo Rock Coal Co.....	Ottawa											
S-2	Peru Deep Vein Coal Co., No. 3.....	Peru	3	7			1	1	92		1	4	2
S-3	Union Coal Co.....	Peru	2	18			1	4	236		2	11	5
S-4	Wilmington Coal Mines, Inc.....	Morris											
S-5	Osage Coal Co., No. 1.....	Ottawa											
	Total.....		5	25			2	5	328		3	15	7
WILL COUNTY—FIRST DISTRICT.													
S-1	Northern Illinois Coal Corp., No. 10.....	Wilmington											
PEORIA COUNTY—SECOND DISTRICT													
S-1	Crescent Mining Co., No. 1.....	Peoria	2		19	8	4	2	8	178	10	13	13
S-2	Crescent Mining Co., No. 6.....	Peoria	1	2	21	9	2	6	331		11	17	17
S-3	Dorthel Coal Co., No. 1.....	Hanna City		1	7	2		1	1	107		5	5
	Total.....		3	3	47	19	4	5	15	616	23	35	35
TAZEWELL COUNTY—SECOND DISTRICT.													
S-1	Lake Erie Mining Co.....	Peoria			4	1		1	2	91	6	6	6
S-2	Ubben Coal Co.....	Pekin		1	2			1		22	1	2	2
	Total.....			1	6	1		2	2	113	7	8	8
WOODFORD COUNTY—SECOND DISTRICT													
S-1	Roanoke Coal & Tile Co.....	Roanoke	1	7			1	2		80	2		1
S-2	W. G. Sutton.....	Minonk	3	12	1		2	3		145	2		
	Total.....		4	19	1		3	5		225	4		1
FULTON COUNTY—THIRD DISTRICT													
S-1	Blakley Coal Co.....	Canton	2	4	1		1	1	55		2	3	3
S-2	Central State Collieries Co., Inc.....	St. David											
S-5	Golden Rule Coal Co.....	Middle Grove	1	3				1	20			1	1
S-6	Illinois Colliery Co.....	Farmington	1	4			1	1	23		4	3	3
S-7	Midland Electric Coal Corp., No. 2.....	Farmington											
S-10	Pschirrer & Sons Coal Co., No. 3.....	Canton	2	7	1		3	3	70		1	4	4
S-12	Truax-Traer Coal Co., No. 1.....	St. David											
S-13	Truax-Traer Coal Co., No. 2.....	Fiatt											
S-14	United Electric Coal Cos., No. 9.....	Cuba											
S-15	United Electric Coal Cos., No. 17.....	Canton											
	Total.....		6	18	2		5	6	168		7	11	11

## OF MINE EMPLOYEES.

Underground								On surface.																
Shot firers and drillers.	Shot firers' runners.	Spraggers.	Stabblers.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Hoisting.	Engi- neers, Other.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stabblers—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.	Mine index number.
---	---	1	1	4	1	6	211	1	---	2	---	2	1	---	---	---	---	1	1	5	5	18	229	S-1
5	---	---	1	3	3	2	151	5	---	2	17	---	4	3	10	1	---	2	1	3	94	140	140	S-1
5	---	---	1	3	3	2	151	6	---	2	17	---	5	3	12	2	---	3	2	4	96	152	303	S-2
---	---	---	---	---	---	---	---	1	---	---	4	---	1	---	3	---	---	1	1	1	10	22	22	S-1
---	---	6	1	8	1	---	120	1	---	2	1	---	1	---	---	1	---	1	1	2	5	15	135	S-2
---	---	---	---	---	---	---	303	2	1	---	1	---	---	1	---	1	---	2	1	---	11	22	325	S-3
---	---	---	---	---	---	---	---	---	---	---	8	4	1	1	7	1	---	1	1	---	20	32	32	S-4
---	---	---	---	---	---	---	---	1	---	---	---	---	1	---	1	1	---	2	1	3	36	68	68	S-5
---	---	6	1	12	4	10	423	5	1	3	15	4	4	2	21	4	---	7	5	6	82	159	582	---
---	---	---	---	---	---	---	---	6	2	---	32	---	3	3	51	2	---	8	2	12	344	465	465	S-1
---	---	---	---	15	18	52	346	1	---	---	---	---	1	3	1	1	2	2	1	---	6	18	264	S-1
4	2	1	1	12	17	29	481	3	---	---	---	---	1	6	2	1	2	2	1	8	13	31	520	S-2
---	---	---	---	2	3	---	142	2	---	3	---	---	---	---	---	1	---	1	1	3	3	14	156	S-3
4	3	1	---	29	38	81	969	6	---	3	---	---	2	9	3	3	4	5	3	11	22	71	1,040	---
2	---	---	---	2	4	---	126	1	---	---	---	---	1	1	---	---	---	1	1	3	---	8	123	S-1
---	---	---	---	---	1	---	33	---	---	1	---	---	1	---	1	---	---	1	1	---	---	5	38	S-2
2	---	---	---	2	5	1	159	1	---	1	---	---	2	1	---	1	---	1	2	4	---	13	172	---
---	---	---	---	3	3	---	100	1	---	2	1	2	---	---	---	2	---	---	1	---	3	10	110	S-1
---	---	---	1	---	2	---	171	1	---	2	---	1	1	---	---	---	---	1	1	1	1	11	182	S-2
---	---	---	1	3	5	---	271	2	---	4	1	3	1	---	2	---	---	1	2	1	4	21	292	---
2	---	---	---	1	2	4	81	1	---	1	---	---	---	1	---	1	---	1	1	1	4	11	92	S-1
---	---	---	---	---	---	---	---	---	2	---	5	4	3	3	34	2	---	2	2	1	63	121	121	S-2
---	---	---	---	---	---	---	27	---	---	1	---	---	1	---	---	---	---	1	1	---	3	5	32	S-5
---	1	---	---	2	1	---	44	1	---	1	---	---	1	---	1	1	---	1	---	---	7	51	51	S-6
3	---	---	---	---	---	---	---	1	1	---	19	---	6	2	14	1	---	---	6	122	173	173	S-7	
---	---	---	---	2	4	---	105	1	---	1	---	1	1	---	1	1	---	2	2	2	10	115	S-10	
---	---	---	---	---	---	---	---	1	1	---	---	---	1	---	21	1	---	1	3	50	81	81	S-12	
---	---	---	---	---	---	---	---	2	2	---	---	---	3	---	4	1	---	3	1	3	79	98	98	S-13
---	---	---	---	---	---	---	---	1	1	---	5	---	1	---	13	1	---	1	1	1	78	102	102	S-14
---	---	---	---	---	---	---	---	1	1	---	1	---	1	---	5	1	---	1	1	1	64	77	77	S-15
5	1	1	---	5	7	4	257	9	8	4	30	5	18	6	92	10	1	9	9	19	465	685	942	---

Mine index number.	Name of operator.	Post office of mine.	Underground.											
			Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine Managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.
KNOX COUNTY—THIRD DISTRICT														
2-2	Little John Coal Co., No. 5.....	Victoria.....												
CHRISTIAN COUNTY—FOURTH DISTRICT														
2-1	Pana Coal Co., No. 1.....	Pana.....	3	9				2	2	56		3	2	2
2-2	Peabody Coal Co., No. 7.....	Kincaid.....	3	2		28	17	2	21			71	9	9
2-3	Peabody Coal Co., No. 8.....	Kincaid.....	2	2		37	34	2	20			76	9	9
2-4	Peabody Coal Co., No. 9.....	Taylorville.....	2	2		31	20	2	18			72	10	10
2-5	Peabody Coal Co., No. 58.....	Taylorville.....	3	2		26	11	2	14			58	5	5
2-6	Penwell Coal Mining Co.....	Pana.....	2	11				2	3	4	164	2		
	Total.....		10	13	20	122	82	12	78	60	164	282	35	35
SANGAMON COUNTY—FOURTH DISTRICT														
2-1	Central Illinois Coal Mining Co., "A".....	Springfield.....	1	21	1		1	2		225	8			
2-3	Panther Creek Mines, Inc., No. 4.....	Springfield.....	2	20	1		2	3		323	6			
2-4	Panther Creek Mines, Inc., No. 5.....	Springfield.....	2	17	2		2	4		340	5			
2-5	Peabody Coal Co., No. 53.....	Springfield.....	1	2	34	9	10	1	11	113		8	8	8
2-6	Peabody Coal Co., No. 57.....	Springfield.....	5	2	25	10	8	2	9	94		11	7	7
2-7	Peabody Coal Co., No. 59.....	Springfield.....	1	1	38	10	8	2	9	110		8	2	16
2-9	Brewerton Co., The, No. 81.....	Springfield.....	1	1	11	3		1	5	46		4	4	4
	Total.....		8	11	166	36	26	11	43	363	888	50	21	35
EDGAR COUNTY—FIFTH DISTRICT														
S-1	Lincoln City Coal Co., Inc.....	St. Berniece.....												
MACON COUNTY—FIFTH DISTRICT														
S-1	Macon County Coal Co.....	Decatur.....	2	2	12	3		1	5	93		5	8	8
VERMILION COUNTY—FIFTH DISTRICT														
S-1	United States Fuel Co., Bun.....	Georgetown.....	15	5		18	13	6	14	725		87	34	34
S-2	Peabody Coal Co., No. 24.....	Danville.....	6	2	5	28	17	2	12		8	66	21	22
S-3	F. C. Morgan Coal Co.....	Oakwood.....												
S-4	Tilton Mining Co.....	Danville.....	1	4			1	1	43	6		3	3	1
S-6	Skelton Coal Co.....	Danville.....	1	1					10			1	1	
	Total.....		21	9	10	46	30	9	27	778	14	153	59	60
MACOUPIN COUNTY—SIXTH DISTRICT														
2-1	Consolidated Coal Co., No. 7.....	Staunton.....	2	2		6	9	2	6			34	10	10
2-2	Consolidated Coal Co., No. 15.....	Mt. Olive.....	4	3		21	36	5	11			61	18	18
2-3	Gillespie Coal Co.....	Gillespie.....	2	2	15	5		1	4	105		5	6	6
2-4	Mt. Olive Coal Co.....	Mt. Olive.....	2	3	2		1	1	96			6	4	3
2-5	South Mine Co.....	Carlinville.....	1	3			1	1	26			1	1	1
2-6	Superior Coal Co., No. 1.....	Gillespie.....	6	4		16	22	4	14			40	5	6
2-7	Superior Coal Co., No. 2.....	Gillespie.....	7	4		23	31	6	13			66	7	7
2-8	Superior Coal Co., No. 3.....	Gillespie.....	5	4	1	26	30	6	11			68	8	8
2-9	Superior Coal Co., No. 4.....	Gillespie.....	8	4		17	8	5	11	340		60	8	8
2-10	Lincoln Liquidating Co.....	Virden.....	1	2	6	1		1	1		80	3	4	4
	Total.....		35	28	28	117	136	32	73	567	80	345	71	71
MONTGOMERY COUNTY—SIXTH DISTRICT.														
S-1	Hillsboro Coal Co.....	Hillsboro.....	2	12	1		2	1	66			6	4	4
2-2	Indiana & Illinois Coal Corp., No. 10.....	Nokomis.....	6	3		24	23	3	4			39	7	7
2-3	Nokomis Coal Co.....	Nokomis.....	3	2		10	12	1	7			24	8	8
	Total.....		9	7	12	35	35	6	12	66		69	19	19

Continued.

Underground.								On surface.														Total— all employees.	Mine index numbers.		
Shot fi- ers and drillers.	Shot fi- ers' run- ners.	Sprag- ers.	Stable- men.	Timber- men.	Track- men.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Engi- neers.	Hoisting.	Other.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablemen—top.	Watchmen.	Weighmen.	Office employees at mine.			Others on surface.	Total on surface.
6				3	3	16	107	1			3	1	3		1		1	1		3	2	8	20	127	S-1
2	2			33	38	158	393	4	1	4				1	2	57	1	1	3	3	7	50	134	527	S-2
40	6	1		24	38	150	410	4	1	4				1	4	42	1	3	3	3	7	47	117	527	S-3
		6		40	45	103	403	4	1	4				1	4	60	1	3	3	3	7	63	151	554	S-4
		5	1	19	37	110	298	6	1	4			3	1	2	53	1	3	2	1	3	30	114	412	S-5
				4	3	10	211	1	1	3			3		1	6	1		1	1	3	8	29	240	S-6
46	8	17	1	123	164	547	1,822	20	5	22	1	9	4	14	218	6	1	13	12	34	206	565	2,387		
2		3	1	5	10	18	298	1	1	3			1				1		1	6	13	27	325	S-1	
4		3	1	9	9	15	398	1	2	3			1				1		1	2	12	24	422	S-3	
3		2	1	8	12	15	413	1	2	2	1	1	1				2		1	2	3	8	24	437	S-4
	1	2	1	27	28	96	360	3	1	4	1		1	1	1	18	1	1	1	2	5	19	57	417	S-5
27		2	1	24	23	110	367	2		4		2	1	1	1	12	1	1	1	2	4	30	60	427	S-6
		2	1	21	30	83	342	1	1	4		3	1		1	20	1	1	1	2	4	21	60	402	S-7
8		1	1	1	6	23	120	3	1	4			1			2	1		1	3	3	19	139	S-9	
44	1	15	7	95	118	360	2,298	12	8	24	2	7	7	2	54	6	1	4	11	27	106	271	2,569		
												5		1		12	1					12	31	31	S-1
		1	1	4	3	105	253	1	1	4		1	1				1	1	1	1	8	8	28	281	S-1
7		5		82	72	110	1,227	9	1	6	1	5	1	2	6	1			1	5	37	75	1,302	S-1	
		3	2	56	42	170	462	5	3	4	2	3	1	2	27	1		2	2	7	26	85	547	S-2	
				2	1	1	67	1		1		6	1		5	1			1	1	22	35	35	S-3	
							14												1			1	5	72	S-4
																							1	15	S-6
7		8	2	140	115	281	1,770	15	4	11	9	8	3	4	38	3		3	4	13	86	201	1,971		
11	2			10	16	77	197	2	3	3		4	2		7	1			2	4	28	56	253	S-1	
37		2		27	32	85	359	4	4	4	3	6	1	5	41	1	1	1	2	3	45	121	480	S-2	
	4	2		5	5	16	183	2	2	3			1	5	18				2	1	7	41	224	S-3	
				3	3	5	129	1	1	3		3	1	1		1			1	3	5	20	149	S-4	
				2	1	37		1		1										1	2	5	42	S-5	
	3			43	48	115	326	1	1	4		6	1		24			1	1		25	64	390	S-6	
	3			23	58	150	398	1	1	4		7	1		27			1	2		24	68	466	S-7	
	3			17	47	160	394	2	1	4		10	1		26			1	1		18	64	458	S-8	
	3			50	57	134	713	3	1	4		8	1		10			1	2		22	52	765	S-9	
	1			2	3	3	112	1	1	1	2	2	1				1		1	1	2	3	16	128	S-10
48	19	2		182	270	745	2,848	18	15	31	5	46	10	11	153	4	1	6	14	14	179	507	3,355		
16	3	2		14		3	136	2	2	3		5	1	2	7	1	2		2	1	3	31	167	S-1	
8	6			36	36	105	307	3	4	3	1	1	1	2	42	1			2	3	28	91	398	S-2	
12				16	15	28	148	2	4	3	1	6	1	2	20	1		1	2	5	17	65	213	S-3	
36	11	2		66	51	136	591	7	10	9	2	12	3	6	69	3	2	1	6	9	48	187	778		

TABLE 9—

		Underground.													
Name of operator.		Post office of mine.	Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.
BOND COUNTY—SEVENTH DISTRICT.															
S-1	Illinois-Pocahontas Coal Co.....	Pocahontas	2	9		2	1	2	54		2			12	
MADISON COUNTY—SEVENTH DISTRICT.															
S-1	*Bullock Mining Co.....	Collinsville	1	7				1	36				2	2	
S-1	*Burn Well Coal Co.....	Collinsville	1	6				1	36				2	2	
S-2	Chicopee Coal Co.....	Troy	1	1	6	1	1	2	66		3	4	4		
S-3	Livingston-Mt. Olive Coal Co.....	Livingston	2			2	1	1	145		9	12	12		
S-4	Lumaghi Coal Co., No. 2.....	Collinsville	2	1		12	2	2	9	140	28	13	14		
S-5	Madison County Coal & Mining Co.....	Edwardsville	1	1		2	22	2	6	10	22	7	7		
S-6	Mt. Olive & Staunton Coal Co., No. 2.....	Staunton	1	2	32	24	34	3	11		32	17	15		
Total.....			5	8	45	41	58	9	30	397		94	55	54	
MARION COUNTY—SEVENTH DISTRICT															
S-1	Marion County Coal Co.....	Centralia.....	2	2	14	9	20	2	3	5		16	10	10	
S-1	Odin Coal Co.....	Odin.....	2	2	10			1	1	92		4	8	8	
Total.....			4	4	24	9	20	3	4	97		20	18	18	
CLINTON COUNTY—EIGHTH DISTRICT.															
S-1	Beckemeyer Coal Co.....	Beckemeyer.....	2	5	1		2	1		67	2	4	4		
S-2	Citizens Coal Co.....	Breese.....	2	6	1		1	1	78		3	4	4		
S-4	Southern Coal, Coke & Mining Co., No. 9.....	New Baden.....	3			3		2	147		14	12	12		
Total.....			7	11	5		5	4	225	67	19	20	20		
ST. CLAIR COUNTY—EIGHTH DISTRICT.															
S-3	Golden Rule Coal Co.....	Lenzburg.....	2	4			1	1		25	1				
S-4	Groom Coal Co.....	Belleville.....	2	8	2	4	1	1	16	18	2	4	4		
S-5	Gundlach Coal Co.....	East St. Louis.....		16	4	4	1	2			6	6	7	2	
S-5	Lenzburg Coal Co.....	Lenzburg.....	1	4			1	1		32	1				
S-7	Mulberry Hill Coal Co.....	Freeburg.....	1	9	1		1	1	29		2	2	2		
S-8	Marissa Coal Co.....	Marissa.....	1	2			1	1		20	1				
S-10	Perry Coal Co., St. Ellen.....	O'Fallon.....	2	2		12	12	1	9		30	10	10		
S-11	Prairie Coal Co.....	O'Fallon.....	2	10	1		1	2		149	3				
S-13	St. Louis & O'Fallon Coal Co., No. 2.....	O'Fallon.....	1	2		15	25	2	9		38	12	12		
S-14	*Service Coal Co.....	Belleville.....	1	3			1	1		52	2				1
S-14	*Service Coal & Mining Co.....	Belleville.....	1	4			1	1		48	2				1
S-16	Southern Coal, Coke & Mining Co., No. 6.....	Belleville.....	1	4	1		1	1		76	2				
S-17	Southern Coal, Coke & Mining Co., No. 7.....	Belleville.....	4	2	12	3	12	1	4		3				
S-18	United Electric Coal Cos., No. 13.....	Freeburg.....													
S-19	Vinegar Hill Coal Co.....	Lenzburg.....	2	4			1	1		28	1				
S-20	White Coal Co.....	Belleville.....	1	5	1	4	1	1	40			6	6		
S-21	Mascoutah Coal & Mining Co.....	Mascoutah.....	1	2	1		1	1		26	1				
Total.....			7	21	84	41	61	16	36	85	424	93	40	41	3
JACKSON COUNTY—NINTH DISTRICT.															
S-1	Truax-Traer Coal Co., No. 2.....	Elkville.....	5	2		40	48	5	20	125		82	23	23	6
S-2	Union Colliery Co., Kathleen.....	Dowell.....	5	2		40	48	5	20	125		82	23	23	6

\* Number of employes averaged account different management same mine.



Continued.

Underground.										On surface.														Total—all employees.	Mine index numbers.
Shot firers and drillers.	Shot firers' runners.	Spraggers.	Stablenen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Engineers.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablenen—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.				
4	4	3	1	4	4	1	105	1		3		1			2	1			1	1	1	11	116	S-1	
				1	2		*52	1		1						1		1	1	1	2	8	*60	S-1	
				1	2		*51										1	1	1	1	1	6	*57	S-1	
				6	4	2	101	1	1	3		2		1		1		2	2	3	15	116	S-2		
	1			1	11	3	200	2	1	1		4		1		3		1	2	2	7	225	S-3		
20	1	4	1	25	25	11	310	7	1	3	1	5	1	1	1	2	1	2	1	6	33	89	399	S-4	
				15	9	41	145	1	1	2		1	1	1	1	12	1	1	2	4	25	170	S-5		
			1	18	46	157	393	5	2	4	1	11	1	6	43	1	1	1	5	18	100	493	S-6		
20	2	4	2	66	97	214	1,201	17	5	15	4	23	2	9	85	4	1	6	6	18	67	261	1,462		
4		5	2	7	16	46	173	3	4	4		8	1		8			4	1	4	20	57	230	S-1	
				1	4		133	2	2	4		4	1		2	1			1	2	3	22	155	S-2	
4		5	2	8	20	46	306	5	6	8		12	2		10	1		4	2	6	23	79	385		
2				2	3	4	99	2	1	2		1	1					1	1	1	5	15	114	S-1	
		1		2	2		105	1	1	3		3	1						1	1	4	15	120	S-2	
		2		6	12	5	220	3		3		3	1	1	3				4	1	6	25	245	S-4	
2		3		10	17	9	424	6	2	8		7	3	1	3			1	6	3	15	55	479		
6				1	2		43			2		1			3			1	1	1	1	9	52	S-3	
3			1	1	2		69	1	1	2	1	1			7	1		1	1	1	17	86	S-4		
2				8	8	37	103	1					1		18						6	26	129	S-5	
6					2		48	1		1					1				1		1	5	53	S-6	
1		1	1	3	3		56	1		2		1	1		8				1	2	3	19	75	S-7	
10		3		21	30	120	272	1	1	3		1	3	2	15	1		1	1	3	28	60	332	S-10	
12	3			10	6	144	186	1	1	3		1	1	1	1	1		1	1	1	7	18	204	S-11	
2				11	31	1	317	2	1	2		4	1	1	25	1		1	1	3	16	58	375	S-13	
				1	1		*63	1		2						1		1	1	2	8	*71	S-14		
					1		*60	1		1						1		1	1	3	9	*69	S-14		
2		1		1	4		94	1		2								1	1	1	2	7	101	S-16	
7		3	2	7	10	28	98	3		3		2	1		22			3	1	1	42	42	140	S-17	
				2	2		49	1		2	2	1	1		13	1		2	1	1	42	64	84	S-18	
2				4	4		75	1		1		2			1			1	1	1	2	9	58	S-19	
					2	12	47	1		1		1			2			1	1	1	2	9	84	S-20	
																					2	6	53	S-21	
61	3	8	4	69	107	342	1,546	19	2	29	3	17	9	3	116	7		5	15	18	119	362	1,908		
										1															
		5		29	40	40	493	2	7	1	4			1	33	1	1	4		5	107	152	152	S-1	
													2	9	52	1	1	3	1	7	42	132	625	S-2	
		5		29	40	40	493	3	7	1	4			3	85	2	1	7	1	12	149	284	777		

Continued.

Mine index number.	Name of operator.	Post office of mine.	Underground.												
			Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine Managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.
PERRY COUNTY—NINTH DISTRICT.															
S-2	Beaucoup Coal Co.	Pinckneyville			1				1		8				
S-3	H. E. Presswood Coal Co.	Pinckneyville			2				1		4				
S-4	Pinckneyville Mining Co., No. 5.	Pinckneyville	2	2							45	1			
S-5	Conant Coal Co.	Conant			1										
S-6	Peabody Coal Co., No. 14.	DuQuoin	1	2	1	27	16	4	12	87		43	12	12	1
S-8	Cutler Coal Co., Inc.	Cutler		1	6	1			1	56					
S-9	Horne Coal Co., No. 43.	Tamaroa		1	3			1	1		35				
S-10	Edgar Coal Co.	Tamaroa	1	1	2			1	1		14				
S-11	New Galum Coal Co.	Cutler			3				1		23				
S-12	Perfection Coal Co.	DuQuoin													
S-13	Pyramid Coal Corp.	Pinckneyville													
S-14	United Electric Coal Cos., No. 11.	DuQuoin													
S-15	*Whip-Poor-Will Coal Co.	Cutler		2	5			1	1	14	55			2	
S-15	*C. & R. Coal Co.	Cutler		2	6			1	1	14	55			2	
S-16	Coulterville Coal Co.	Coulterville		1	6	1		1	1	69		2	3	3	
	Total		2	10	33	29	16	10	21	227	184	47	19	21	
RANDOLPH COUNTY—NINTH DISTRICT.															
S-2	Crain Coal Co.	Percy			1				1	4				2	
S-3	Ill-Mo Coal Co.	Sparta			2			1	1	13		2		1	
S-5	Moffat Coal Co.	Sparta	2	3	24	12	9	2	9			19	18	18	4
S-6	St. Louis Coal Co.	Coulterville	1	1	18	5	12	1	4	11	18	4	8	8	
S-7	Southwestern Illinois Coal Corp.	Percy													
	Total		3	4	45	17	21	4	15	28	18	25	27	29	4
WASHINGTON COUNTY—NINTH DISTRICT.															
S-1	Centralia Coal Co., No. 5.	Centralia	1	1		12	13	1	9	48		37	6	7	
S-2	Clarkson Coal & Mining Co.	Nashville		2	6	1		1	1	50		1	3	3	
S-3	Bois Coal Co.	DuBois			1	5			1		38				
	Total		1	4	11	13	13	3	11	98	38	38	9	10	
FRANKLIN COUNTY—TENTH DISTRICT.															
S-1	Bell & Zoller Coal & Mining Co., No. 1.	Zeigler	6			41	41	6	26			118	23	24	1
S-2	Bell & Zoller Coal & Mining Co., No. 2.	Zeigler	11	2		41	35	9	28			106	22	21	2
S-3	Chicago, Wilmington & Franklin Coal Co., No. 1.	Orient	3	4		4	32	6	17			63	15	15	1
S-4	Chicago, Wilmington & Franklin Coal Co., New Orient.	West Frankfort	8	2		18	68	18	39			106	27	27	
S-6	Franklin County Coal Corp., No. 5.	Herrin	5	3	44	24	16	10	13	2		16	17	17	
S-7	Franklin County Coal Corp., No. 7.	Royalton	6	2		23	9	8	14	20		72	31	31	
S-8	Old Ben Coal Corp., No. 8.	West Frankfort	3	2		18	14	7	12	66		72	12	12	3
S-9	Old Ben Coal Corp., No. 11.	Coello	4	2		7	14	5	11	12		43	11	11	1
S-10	Old Ben Coal Corp., No. 14.	Buckner	5	2		6	12	3	12	93		48	11	11	
S-11	Old Ben Coal Corp., No. 15.	West Frankfort	3	3		9	14	4	12	82		56	13	13	
S-12	Peabody Coal Co., No. 18.	West Frankfort	5	1		23	30	6	16			50	23	23	1
S-14	Valier Coal Co., No. 1.	Valier	9	2		52	26	11	22			109	26	26	2
	Total		68	25	44	266	311	93	222	275		859	231	231	11

\* Number of employes averaged account different management same mine.

Continued.

Underground.							On surface.																			
Shot firers and drillers.	Shot firers' runners	Spraggers.	Stabblers.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Hoisting.	Engi- neers. Other.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stabblers—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.	Mine index numbers.		
1					1		11			1		1					1				1	2	13	S-2		
1					1		52			2												2	6	9	S-3	
1						8	11			1							1					2	3	58	S-4	
2	3			21	24	146	414	2	1	4	2	5	2	1		1	1				1	10	524	S-5		
2	1			1	4	2	83	1	1	2		1			5		1		2		6	76	110	97	S-6	
2				1	1		45			2		1	1						1	1	1	5	50	S-7		
2						1	22			1		1										1	3	25	S-8	
2							28			1		1										1	3	31	S-9	
2								1		4		4										37	49	31	S-10	
2								11													1	37	49	31	S-11	
2								2		1		7									2	212	380	380	S-12	
2					3		*85			2		1		4		15	1	1	1	1	2	212	248	248	S-13	
2				1	4		*88			2		2			1	1	1	1	1	1	3	11	*96	S-14		
2	1				4		94	1		3		1				1	1	1	1	1	12	12	*100	S-15		
10	5			24	38	157	853	19	4	23	9	17	18	19	86	8	2	9	7	20	606	847	1,700			
2							8			1												1	2	10	S-2	
2					1		24			1												1	4	28	S-3	
2	6	2		20	12	76	236	2	2	4	1	6	3	1	4			1	2		6	32	64	300	S-5	
2	4	1		8	8	30	144	2	2	3		3	2	2	15	1		1	3	2	26	60	204	S-6		
								1	1		6		4	1	3	1		1	1	2	84	105		105	S-7	
4	10	3		28	21	106	412	5	5	9	7	9	9	4	23	2		3	4	11	144	235	647			
	1			14	15	7	172	2	2	1	3	7	1	1	19	1		1	1	4	12	55	227	S-1		
					3	2	73	1	1	2		3			2	1		2	2	1	2	15	88	S-2		
							46	1		1		1						1	1		1	6	52	S-3		
	1			14	18	9	291	4	3	4	3	11	1	1	21	2		2	4	5	15	76	367			
22	1			47	81	90	527	7	11	5	4	5	1	6	20	1	2	4	1	2	27	96	623	S-1		
18				58	78	83	514	5	6	6	4	5	1	17	28	1		2	1	12	145	233	747	S-2		
7				20	60	138	385	4		5	2	6	3	5	76	1		2	1	6	30	141	526	S-3		
12				58	80	237	700	8	2	6		4	6	8	118	1		3	1	14	79	250	950	S-4		
12	14			17	36	159	405	2	1	2	2	4	1	6	37	1	3	1	1	7	61	129	534	S-6		
7	2			17	35	76	353	2	7	3	2	4	2	10	30	1	1	2	1	9	80	154	507	S-7		
36	4			14	38	38	351	4		4		5	1		5			5	2	4	70	100	451	S-8		
26	4			7	45	43	245	2		4		1	2	4	5			6	2	3	39	68	313	S-9		
30	7			16	45	50	352	2		4		5	2		5			4	2	4	49	77	429	S-10		
34				22	46	43	354	2	2	4		3	3	6	4			6	2	3	65	100	454	S-11		
30	3			36	37	91	375	3	1	4		5	2	1	14	1		3	1	6	78	119	494	S-12		
62				39	39	87	512	4	4	4		3	2	7	8	1		3	1	3	31	71	583	S-13		
296	35			351	620	1,135	5,073	45	34	51	14	50	26	70	350	8	6	41	16	73	754	1,538	6,611			

TABLE 9—

Mine index number.	Name of operator.	Post office of mine.	Underground.												
			Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.
SALINE COUNTY—ELEVENTH DISTRICT.															
S-1	Bankston Creek Colliery Co., No. 6.....	Carrier Mills.	3	---	---	---	---	2	2	3	---	9	3	3	2
S-3	Blue Bird Coal Co., No. 6.....	Carrier Mills.	3	1	---	18	24	5	13	20	---	45	15	15	6
S-4	Peabody Coal Co., No. 43.....	Harrisburg.	7	1	---	22	16	7	15	236	---	61	17	17	2
S-5	Peabody Coal Co., No. 47.....	Harco.	1	1	---	8	8	2	8	61	---	29	11	11	2
S-6	Rex Coal Co., No. 2.....	Eldorado.	4	2	11	8	4	8	324	---	32	13	13	3	3
S-7	Sahara Coal Co., No. 1.....	Harrisburg.	4	2	7	5	5	8	249	---	30	13	13	1	1
S-9	Sahara Coal Co., No. 10.....	Eldorado.	3	2	10	6	2	6	267	---	29	9	9	1	1
S-10	Sahara Coal Co., No. 12.....	Harrisburg.	2	2	3	3	1	3	159	---	16	8	8	3	3
S-11	Wasson Coal Co., No. 1.....	Harrisburg.	3	2	---	14	24	3	12	---	49	8	9	1	1
S-12	Bankston Creek Colliery Co., No. 5.....	Carrier Mills.	---	---	---	4	15	---	5	---	---	15	---	15	---
Total.....			30	13	28	88	87	31	80	1,319	---	300	112	113	21
WHITE COUNTY—ELEVENTH DISTRICT.															
S-1	White County Coal Co.....	Norris City..	1	1	3	1	---	1	1	---	36	1	2	2	1
WILLIAMSON COUNTY—TWELFTH DISTRICT.															
S-1	Marvel Coal Co.....	Pittsburg.....	---	2	3	1	---	1	1	62	---	1	3	3	1
S-3	Consolidated Coal Co., New Monarch.....	Herrin.....	3	2	---	10	11	3	7	---	---	45	11	11	3
S-4	Delta Coal Mining Co.....	Marion.....	---	---	---	---	---	---	---	---	5	---	---	---	---
S-6	Diamond Coal Co., No. 2.....	Herrin.....	---	---	---	---	---	1	---	---	---	---	---	---	---
S-7	Forsyth-Carterville Coal Co., No. 1.....	Carterville.....	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8	Franco Mining Co., No. 1.....	Johnston City.....	2	2	---	12	---	6	10	115	---	32	20	14	9
S-9	Freeman Coal Mining Co.....	Herrin.....	2	4	4	4	3	2	5	75	---	6	6	6	1
S-13	McLaren Coal Co., No. 1.....	Carterville.....	---	---	---	---	---	---	---	---	---	---	---	---	---
S-15	New Watson Coal Co.....	Herrin.....	---	---	1	---	---	---	---	---	5	---	---	---	---
S-17	Seymour Coal Mining Co.....	Herrin.....	2	4	3	9	12	1	7	53	---	32	8	8	4
S-19	Wallace Coal Co.....	Marion.....	1	2	9	---	---	1	3	---	---	2	5	5	1
S-20	Consolidated Coal Co., Buckhorn.....	Herrin.....	1	---	---	2	3	3	2	---	---	2	3	3	---
S-21	Diamond Coal Co., No. 3.....	Herrin.....	---	---	---	---	---	1	---	5	---	---	---	---	---
Total.....			11	16	20	38	29	19	35	305	15	120	56	50	19
Grand Total.....			225	208	747	970	979	290	756	6,387	2,452	2,646	894	913	81

Continued.

Underground										On surface.														
Shot firers and drillers.	Shot firers' runners.	Spraggers.	Stabblers.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Engi- neers,		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stabblers—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.	Mine index number.
										Hoisting.	Other.													
2				6		55	90	1	1				1			18	1			2	154	160	160	S-1
20		3	7	23	44	262	2	8	4			4	1	2	9	1		3	1	5	29	69	112	S-3
3		3	11	29	88	535	4	1	4		3	6	3	2	5	1		2	1	7	84	123	331	S-4
3		1	12	16	61	235	2	4	1		2	5	1	3	24	1	1	2	1	4	14	65	300	S-6
4		4	7	21	16	474	2	6	3			3		1	8	1	1	3	1	1	23	53	527	S-7
4		4	6	18	14	383	1	4	3			3	1	2	9	1		2	1	2	18	47	430	S-9
2		5	12	6	369	2	3	3	3			2	1	1	14	1	1	2	1	1	23	55	424	S-10
2		2	5	10	5	227	1	2	1			1	4	1	7			1	1	1	9	28	255	S-13
15		5	18	22	66	236	5	4	4	3		1	6	1	20			1	1	1	23	65	301	S-12
					5	74														5	5	79	S-16	
52		27	1	72	151	360	2,885	21	33	21	7	33	10	11	114	7	3	18	8	24	382	692	3,577	
	1	1		1	1		54	1		3		2			3		1		1	2		13	67	S-1
2				1	2	83	1		4			1			3	1	1		1	1		13	96	S-1
4		2		13	27	89	241	3	2	4	1	4	3	2	51	1		1	2	6	19	99	340	S-3
	2					8	1		1		4		1	2	12	1		1	2	67	91	91	S-4	
							1	1	1							3	1	1			2	2	10	S-6
2		2		18	17	8	269	3	5	4	1	9	1	2	15	1		1	1	2	17	62	27	S-7
2		2		20	24	40	206	2	2	4			1		16	1	1	2	3	20	52	258	8	S-8
								1			7	3		2	8	1		1	1	1	27	51	51	S-13
						6									2						2	8	8	S-15
3		2		8	29	50	235	1		4		2	1	2	32	1	1	1	3	4	19	71	306	S-17
4			4	6	1	44	1		1				1		9	1	1	1	1	2	18	62	8	S-19
1			2	2	18	42	1		2	1			1	1	5			1	1		11	23	65	S-20
2						8	1		1												2	10	10	S-21
20	2	8		66	107	206	1,142	15	13	24	13	19	10	11	156	9	4	7	11	21	200	513	1,655	
670	21	197	34	1,410	2,025	4,903	26,808	272	171	321	192	298	160	202	1,783	98	29	169	157	387	4,200	8,439	35,247	

TABLE 10—OUTPUT OF SHIPPING MINES BY MONTHS—1933-1938.

Month.	1933	1934	1935	1936	1937	1938
January.....	3, 335, 862	4, 106, 319	4, 779, 807	5, 195, 718	5, 305, 782	4, 286, 099
February.....	3, 549, 192	3, 917, 258	4, 315, 606	5, 338, 183	5, 391, 588	3, 493, 826
March.....	3, 145, 171	4, 234, 877	4, 818, 273	3, 730, 409	6, 488, 787	2, 890, 527
April.....	2, 078, 449	2, 342, 935	1, 904, 042	3, 015, 473	1, 968, 898	2, 265, 105
May.....	2, 036, 464	2, 112, 730	2, 430, 891	2, 349, 044	2, 085, 197	2, 027, 065
June.....	2, 059, 674	2, 125, 718	2, 913, 961	2, 592, 448	2, 490, 421	2, 229, 914
July.....	2, 383, 220	2, 274, 176	1, 860, 593	2, 935, 184	2, 737, 338	2, 313, 349
August.....	2, 791, 977	2, 755, 409	2, 292, 631	3, 258, 442	3, 007, 656	2, 841, 415
September.....	2, 888, 181	3, 129, 010	2, 758, 627	3, 553, 350	4, 076, 821	3, 461, 199
October.....	3, 657, 337	3, 622, 931	4, 566, 074	4, 787, 407	4, 685, 330	3, 747, 041
November.....	3, 611, 034	3, 501, 698	3, 968, 945	4, 742, 935	4, 560, 609	4, 139, 842
December.....	3, 854, 116	4, 442, 466	4, 799, 964	5, 736, 994	5, 263, 649	4, 747, 477
Total.....	35, 390, 677	38, 655, 527	41, 410, 414	47, 285, 587	48, 062, 076	38, 442, 859

TABLE 11—NUMBER OF MINES OPERATED AND AVERAGE DAYS WORKED EACH MONTH—1933-1938.

Month.	1933		1934		1935		1936		1937		1938	
	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.
January.....	136	15	152	18	166	10	152	22	162	19	143	16
February.....	138	16	152	17	167	17	152	21	158	19	142	13
March.....	136	13	153	17	167	17	155	14	155	22	141	11
April.....	124	10	139	10	125	10	132	14	117	9	118	11
May.....	106	11	125	10	121	11	117	10	102	9	102	10
June.....	104	10	116	11	129	12	119	11	109	11	102	11
July.....	109	11	119	12	114	10	125	12	111	12	103	11
August.....	122	13	135	13	130	10	128	14	121	12	112	13
September.....	129	13	154	15	153	13	144	15	138	16	125	15
October.....	140	16	163	15	161	18	155	18	149	17	133	15
November.....	142	15	161	16	162	16	159	18	153	17	135	16
December.....	147	16	158	19	162	18	164	20	154	19	139	18
Total and average..	159	a131	172	a147	182	a147	176	a153	168	a152	149	a135

a Average.

TABLE 12—SHIPPING MINES—NUMBER OPERATED, TONS PRODUCED, AVERAGE DAYS WORKED, AND NUMBER EMPLOYED IN 1937 AND 1938, AND GAIN OR LOSS BY COUNTIES.

County.	1938				1937				Gain (+) or loss (—).				Per cent of gain (+) or loss (—).			
	Mines operated.	Tons produced.	Average days worked.	Men employed.	Mines operated.	Tons produced.	Average days worked.	Men employed.	Mines.	Tons.	Days.	Men.	Mines.	Tons.	Days.	Men.
Bond.....	1	71,725	114	116	1	51,737	62	143	—	+19,998	+52	—27	—	+38.6	+83.9	—18.9
Bureau.....	1	45,743	107	229	1	57,207	128	260	—	—11,464	—21	—31	—	—21.0	—24.2	—1.9
Christian.....	6	3,694,142	129	2,387	6	4,743,598	170	2,469	—	—1,049,456	—41	—82	—	—27.0	—24.1	—3.3
Clinton.....	3	128,222	83	479	3	264,413	149	487	—	—136,191	—66	—8	—	—57.5	—44.3	—3.6
Edgar.....	1	53,210	75	31	1	27,087	32	32	—	+26,123	+35	—1	—	+96.4	+87.5	—3.1
Franklin.....	12	7,873,999	128	6,611	13	10,108,267	170	6,795	—1	—2,234,268	—42	—184	—	—22.1	—21.7	—2.7
Fulton.....	10	2,660,132	178	942	13	2,976,168	155	1,084	—3	—316,036	+23	—142	—	—10.7	+14.8	—13.1
Grundy.....	2	604,183	215	303	2	9,770	25	92	—2	—18,072	—24	—3	—	—29.0	—10.0	—1.0
Henry.....	2	1,212,657	133	777	2	622,255	239	306	—	—386,421	—18	+19	—	—24.2	—26.5	+2.5
Jackson.....	2	1,499,309	198	99	2	1,599,078	181	758	—	—222,962	—15	—279	—	—30.9	—7.0	—73.8
Knox.....	5	300,492	141	582	5	722,261	213	578	—1	—27,040	—15	—11	—	—24.8	—9.6	—1.9
LaSalle.....	1	122,328	155	281	1	399,532	156	320	—	—277,204	—21	—39	—	—15.8	—11.9	—12.2
LaSalle.....	1	122,328	155	281	1	145,289	170	320	—	—277,204	—21	—39	—	—15.8	—11.9	—12.2
Macoupin.....	10	3,292,323	173	3,355	10	3,515,265	187	3,407	—	—222,942	—14	—52	—	—6.3	—7.5	—1.5
Madison.....	3	1,036,735	124	1,462	3	1,295,392	150	1,486	—	—255,657	—26	—21	—	—20.0	—17.3	—1.6
Marion.....	2	1,861,223	124	1,462	2	317,542	120	405	—	—131,319	—40	—20	—	—41.4	—33.1	—5.7
Marion.....	2	1,861,223	124	1,462	2	317,542	120	405	—	—293,635	—50	—47	—	—31.6	—32.1	—5.7
Montgomery.....	3	634,963	106	778	3	928,398	136	825	—	—166,987	—18	—64	—	—15.0	—13.3	—5.8
Peoria.....	17	3,945,049	117	1,040	4	1,312,036	131	1,344	—	—1,603,905	—15	—140	—	—23.5	—10.6	—7.6
Perry.....	14	2,943,598	126	1,700	15	3,847,463	131	1,344	—	—903,866	—12	—209	—	—19.5	—7.5	—24.4
Putnam.....	5	1,676,240	147	647	6	3,379,868	159	856	—1	—260,846	—12	—209	—	—10.2	—4.0	—10.2
Randolph.....	11	3,108,634	145	3,577	11	3,360,130	151	3,985	—	—351,496	—10	—408	—	—28.6	—8.7	—17.0
Saline.....	7	1,669,789	147	2,569	8	2,338,163	161	2,094	—	—668,907	—14	—525	—	—20.1	—6.3	—17.4
Sangamon.....	16	1,665,811	133	1,908	20	2,708,758	142	2,309	—4	—103,957	—9	—401	—	—37.7	—23.1	—23.2
St. Clair.....	2	78,560	123	172	2	136,007	160	224	—	—47,447	—37	—52	—	—33.1	—5.7	—3.9
Tazewell.....	5	1,239,235	133	1,971	5	1,833,472	147	2,051	—1	—624,237	—8	—80	—	—23.5	—3.4	—4.8
Vermilion.....	3	238,068	142	367	3	311,004	147	364	—	—72,936	—5	+3	—	—81.6	—70.8	—1.5
Washington.....	1	6,243	36	465	1	333,857	155	68	—	—27,614	—119	—1	—	—5.0	—21.6	—4.3
White.....	1	1,262,018	270	465	1	1,348,001	269	486	—	—65,983	+1	—21	—	—25.0	—21.6	—1.8
Williamson.....	13	1,781,100	105	1,555	15	2,382,214	134	1,885	—2	—595,114	—29	—30	—	—23.0	—32.8	—2.3
Woodford.....	2	36,108	88	1,292	2	72,984	131	1,299	—	—16,816	—43	—7	—	—20.0	—11.2	—8.6
Total.....	149	38,442,859	135	35,247	168	48,062,076	152	38,553	—19	—961,217	—17	—3,306	—	—11.3	—20.0	—8.6

TABLE 13—RELATIVE RANK OF COUNTIES PRODUCING 500,000 TONS OR MORE, 1934 TO 1938 INCLUSIVE.

County.	1938		1937		1936		1935		1934	
	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.
Franklin.....	1	7,873,999	1	10,108,267	1	9,432,140	1	7,985,155	1	7,780,162
Christian.....	2	3,704,690	2	4,743,598	2	4,488,242	2	3,910,364	2	3,860,706
Macoupin.....	3	3,301,013	4	3,515,265	3	4,249,803	3	3,677,929	3	3,361,771
Saline.....	4	3,148,078	5	3,460,130	4	3,670,516	5	3,146,340	5	2,700,687
Fulton.....	5	2,975,404	6	2,976,168	8	2,414,701	10	1,926,313	10	1,526,408
Perry.....	6	2,975,088	3	3,847,463	5	3,398,480	4	3,307,806	4	3,019,772
St. Clair.....	7	2,274,746	9	2,009,768	9	2,280,493	8	2,019,250	7	2,043,764
Williamson.....	8	2,159,324	7	2,394,266	7	2,641,243	6	2,760,767	8	1,899,152
Sangamon.....	9	1,916,707	8	2,338,696	6	2,673,638	7	2,335,381	6	2,195,923
Vermilion.....	10	1,584,437	10	1,883,472	10	1,976,645	9	1,998,000	9	1,675,604
Madison.....	11	1,371,709	14	1,295,392	12	1,472,041	11	1,374,790	12	1,342,513
Will.....	12	1,323,386	13	1,318,001	13	1,414,944	14	1,000,811	14	946,801
Jackson.....	13	1,322,986	11	1,599,078	11	1,767,398	12	1,271,128	11	1,479,068
Peoria.....	14	1,246,036	15	1,112,636	14	1,316,173	13	1,222,500	13	1,253,164
Randolph.....	15	1,115,662	12	1,337,086	17	558,437	17	522,885		
Henry.....	16	681,911	18	622,255	16	580,719	15	559,346	15	559,617
Knox.....	17	653,353	17	722,261						
Montgomery.....	18	634,963	16	928,598	15	600,496	16	540,929	16	549,671

TABLE 14—TONS OF COAL PRODUCED, AVERAGE DAYS WORKED, NUMBER OF MINES OPERATED AND NUMBER EMPLOYES IN ALL SHIPPING MINES, AND ALSO IN STRIP MINES, WITH PERCENTAGES BY YEARS FROM 1920 TO 1938.

Years.	All shipping mines.				Strip mines.				Percentage of strip mines.		
	Number of—		Average days worked	Tons produced.	Number of—		Average days worked.	Tons produced.	Percentage of strip mines.		
	Mines.	Men.			Mines.	Men.			Mines.	Men.	Tons.
1920.....	373	85,037	176	72,409,610	3	217	149	367,009	0.08	0.25	0.57
1921.....	389	92,080	174	78,339,082	3	242	183	437,006	0.08	0.26	0.56
1922.....	352	93,681	127	61,406,093	5	446	134	533,923	1.42	0.48	0.87
1923.....	374	99,081	146	73,410,837	6	412	180	895,608	1.60	0.42	1.22
1924.....	338	95,499	139	70,324,363	11	611	155	1,184,288	3.25	0.64	1.68
1925*.....	255	77,629	231	100,012,299	18	1,181	264	4,722,597	7.06	1.52	4.72
1926.....	244	73,497	155	67,836,441	16	1,203	176	3,482,611	6.56	1.64	5.13
1927.....	241	74,117	112	44,926,433	15	1,139	138	2,756,410	6.22	1.54	6.14
1928.....	206	61,154	162	54,284,184	14	1,149	206	4,113,908	6.80	1.88	7.58
1929.....	200	54,721	162	50,075,995	17	1,518	176	5,250,501	8.50	2.77	8.89
1930.....	185	51,215	145	51,996,608	15	1,519	181	6,220,336	8.11	2.97	11.96
1931.....	167	47,024	130	43,073,058	15	1,591	164	6,576,677	8.92	3.38	15.27
1932.....	162	44,078	107	31,402,399	17	1,769	163	6,628,228	10.50	4.00	21.11
1933.....	159	40,660	131	35,390,677	20	1,890	131	5,599,006	12.58	4.65	15.82
1934.....	172	40,943	147	38,655,527	26	2,042	134	6,008,218	15.12	4.99	15.54
1935.....	182	40,496	147	41,410,414	28	2,338	148	7,088,104	15.38	5.77	17.12
1936.....	176	40,011	153	47,285,587	30	2,803	141	8,873,229	17.04	7.00	18.76
1937.....	168	38,553	152	48,062,076	30	3,133	152	11,176,074	17.85	8.12	23.25
1938.....	149	35,247	135	38,442,859	25	2,881	153	10,058,999	16.77	8.17	26.16

\* From July 1, 1924 to December 31, 1925.



TABLE 15—SHIPPING MINES DIVIDING WORKING TIME.

Name of operator.	County in which mine is located.	Employees.		Tons mined.	Days worked.
		Working.	On payroll.		
Beckermeyer Coal Co.	Clinton	113	114	59,825	125
Central Illinois Coal Mining Co. "A"	Sangamon	320	325	152,330	94
Consolidated Coal Co. No. 7	Macoupin	202	253	387,982	165
Consolidated Coal Co. No. 15	Macoupin	310	480	258,536	82
Consolidated Coal Co., New Monarch	Williamson	315	340	379,533	119
Franklin County Coal Corp. No. 5	Franklin	453	534	462,976	145
Gillespie Coal Co.	Macoupin	182	224	237,991	197
Groom Coal Co.	St. Clair	57	86	44,214	101
Gundlach Coal Co.	St. Clair	126	129	167,933	160
Hillsboro Mining Co.	Montgomery	93	167	41,691	78
Ill-Mo Coal Co.	Randolph	25	28	12,941	150
Illinois-Pocahontas Coal Co.	Bond	94	116	71,725	114
Indiana-Illinois Coal Corp. No. 10	Montgomery	315	398	212,864	79
Lumaghi Coal Co. No. 2	Madison	349	399	328,484	136
Livingston-Mt. Olive Coal Co.	Madison	146	225	25,095	43
Madison County Coal & Mining Co.	Madison	111	170	197,406	220
Marion County Coal Co.	Marion	134	230	183,079	154
Marvel Coal Co.	Williamson	94	96	22,270	45
Moffatt Coal Co.	Randolph	142	300	221,574	173
Mt. Olive Coal Co.	Macoupin	135	149	108,380	135
Mt. Olive & Staunton Coal Co.	Madison	405	493	390,089	133
New Galum Coal Co.	Perry	21	31	18,451	140
Old Ben Coal Corp. No. 8	Franklin	424	451	541,710	134
Old Ben Coal Corp. No. 14	Franklin	390	429	513,562	131
Old Ben Coal Corp. No. 15	Franklin	416	454	467,271	122
Pana Coal Co.	Christian	53	127	40,477	82
Peabody Coal Co. No. 14	Perry	434	524	364,003	106
Peabody Coal Co. No. 24	Vermilion	526	547	445,157	111
Peabody Coal Co. No. 53	Sangamon	404	417	380,768	139
Peabody Coal Co. No. 59	Sangamon	393	402	290,782	112
Perry Coal Co., St. Ellen	St. Clair	242	332	355,553	245
Peru Deep Vein Coal Co. No. 3	LaSalle	133	135	54,638	177
St. Louis Coal Co.	Randolph	195	204	152,489	95
St. Louis & O'Fallon Coal Co. No. 2	St. Clair	181	375	300,900	220
Seymour Coal Mining Co.	Williamson	301	306	456,166	162
Southern Coal, Coke & Mining Co. No. 9	Clinton	206	245	17,273	20
Spring Valley Coal Mining Co. No. 3	Bureau	214	229	45,743	107
Superior Coal Co. No. 1	Macoupin	322	390	408,707	194
Superior Coal Co. No. 2	Macoupin	291	466	563,848	239
Superior Coal Co. No. 3	Macoupin	291	458	645,576	231
Superior Coal Co. No. 4	Macoupin	526	765	559,740	189
Truax-Traer Coal Co. No. 2	Jackson	151	152	429,817	111
United States Fuel Co., Bun	Vermilion	947	1,302	605,203	116
Wasson Coal Co. "A"	Saline	210	255	63,039	87
Wasson Coal Co. No. 1	Saline	235	301	429,807	234
Total 1938—45 mines		11,627	14,553	12,117,598	a137
Total 1937—53 mines		13,403	16,477	17,131,988	a161

A—Average.



Sixth District totals.....	2,044,004	322,672	78,323	68,611	24,818	32,811	59,095	908,800	303,765	84,378	3,927,286
Macoupin.....	1,941,656	215,076	4,900	26,930	24,818	32,811	59,095	634,575	293,365	59,097	3,292,323
Montgomery.....	102,348	107,366	73,423	41,681				274,225	10,400	23,290	634,963
Seventh District totals.....	174,635	192,277	123,482	46,627	25,365	29,664	52,368	537,451	49,783	63,031	1,294,683
Bond.....	21,282	14,701	3,858					31,884			71,725
Madison.....	130,249	146,312	96,026	46,307	25,365	29,664	52,368	426,926	34,142	49,376	1,036,735
Marion.....	23,104	31,264	23,598	320				78,641	15,641		186,223
Eighth District totals.....	312,932	290,955	146,761	75,923	13,936	13,190	138,155	601,983	63,208	66,930	1,734,033
Clinton.....	53,256	14,386	2,853	1,401	773	887		48,656	2,374	3,936	128,222
St. Clair.....	259,676	266,569	143,908	74,522	13,163	12,603	138,155	553,327	60,894	62,994	1,605,811
Ninth District totals.....	499,784	686,170	905,142	139,822	35,152	45,538	93,138	1,812,655	1,045,015	208,107	5,470,523
Jackson.....	131,333	163,373	153,386	40,629	10,310	10,711	8,504	579,323	85,115		1,212,657
Perry.....	294,424	327,445	572,728	60,043	13,456	27,378	45,438	845,452	630,769	106,225	2,943,558
Randolph.....	48,688	179,000	179,028	33,336	11,386	7,149	34,829	291,264	219,651	71,909	1,076,240
Washington.....	25,139	16,352		5,814		300	4,367	96,616	89,480		238,068
Tenth district totals.....	824,985	1,311,403	660,674	389,509	170,420	54,393	1,065,937	3,009,252	116,773	270,653	7,873,999
Franklin.....	824,985	1,311,403	660,674	389,509	170,420	54,393	1,065,937	3,009,252	116,773	270,653	7,873,999
Eleventh District totals.....	298,309	482,446	419,690	136,231	82,313	53,617	156,832	1,190,478	271,741	83,220	3,114,877
Saline.....	237,555	481,482	419,690	135,669	82,313	53,617	156,832	1,187,674	271,051	82,751	3,108,634
White.....	754	964		562				2,804	690	469	6,243
Twelfth District totals.....	111,457	223,855	236,850	43,383	18,047	6,748	100,335	743,016	286,357	17,052	1,787,100
Williamson.....	111,457	223,855	236,850	43,383	18,047	6,748	100,335	743,016	286,357	17,052	1,787,100
Shipping mines.....	5,739,831	5,659,489	4,304,376	1,288,295	491,187	473,578	1,877,301	14,090,840	3,596,086	921,876	38,442,859
Local mines.....									3,828,154	116,355	3,944,509
The State.....	5,739,831	5,659,489	4,304,376	1,288,295	491,187	473,578	1,877,301	14,090,840	7,424,240	1,038,231	42,387,368

\* This includes classification of one mine as follows: 6 x 4 eggs, 35,672 tons; 6 x 2 eggs, 14,961 tons; 4 x 2 small eggs, 50,311 tons; 2 x 1 1/4 stove, 30,806 tons; 4 x 1 1/2, 13,289 tons; 2" screenings, 13,289 tons; 1 1/4 x 3/4, 4,487 tons; 1 1/4 x 1/2 stoker, 14,944 tons; 1 1/4 screenings, 210,998 tons; 3/4 x 1/4 stoker, 9,530 tons; 3/4 screening, 6,862 tons; 1/4 carbon, 12,137 tons; 6 x 1 1/4, 47,631 tons; 6 x 3/4, 9,113 tons; Mine run, 87 tons; 2 x 1/4, 53 tons.

TABLE 17.—DISPOSITION OF OUTPUT OF SHIPPING MINES BY COUNTIES IN EACH DISTRICT WITH DISTRICT TOTALS AND LOCAL MINES FOR THE STATE.

County.	Disposition of output in tons.							Tons disposed of locally.	Percentage of tons handled.	
	Total tons mined.	Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.		By railroads.	Locally.
First District totals.....	2, 202, 436	1, 312, 136	439, 124	-----	416, 398	19, 667	15, 111	451, 176	79. 5	20. 5
Bureau.....	45, 743	1, 603	-----	-----	41, 096	2, 689	355	44, 140	3. 5	96. 5
Herv.....	604, 183	406, 116	-----	-----	35, 001	6, 842	6, 015	47, 858	92. 1	7. 9
Lesalle.....	300, 492	97, 219	150, 209	-----	193, 429	3, 466	4, 291	201, 186	33. 0	67. 0
Will.....	1, 252, 018	807, 198	286, 828	-----	146, 872	6, 670	4, 450	157, 992	87. 4	12. 6
Second District totals.....	1, 079, 777	71, 270	852, 197	-----	148, 902	3, 745	3, 663	156, 310	85. 5	14. 5
Peoria.....	945, 049	56, 675	829, 460	-----	57, 156	575	683	58, 414	93. 8	6. 2
Tazewell.....	78, 580	3, 961	22, 237	-----	52, 242	120	-----	52, 362	33. 3	66. 7
Woodford.....	56, 168	10, 634	-----	-----	39, 504	3, 050	2, 980	45, 534	18. 9	81. 1
Third District totals.....	3, 159, 441	1, 999, 917	888, 203	-----	158, 355	21, 876	91, 090	271, 321	91. 4	8. 6
Fulton.....	2, 660, 132	1, 597, 281	791, 530	-----	158, 355	21, 876	91, 090	271, 321	89. 8	10. 2
Knox.....	498, 309	402, 636	96, 673	-----	-----	-----	-----	499, 309	100. 0	-----
Fourth District totals.....	5, 363, 931	4, 362, 243	551, 217	7, 716	406, 432	29, 450	6, 843	442, 725	91. 7	8. 3
Christian.....	3, 694, 142	3, 334, 431	223, 635	7, 071	110, 824	16, 260	1, 921	129, 005	96. 5	3. 5
Sangamon.....	1, 669, 789	1, 027, 812	327, 612	645	295, 608	13, 190	4, 922	313, 720	81. 2	18. 8
Fifth District totals.....	1, 434, 773	771, 073	443, 750	2, 865	191, 483	10, 491	15, 111	217, 085	84. 9	15. 1
Edgar.....	53, 210	33, 366	19, 205	-----	639	-----	52, 571	639	98. 8	1. 2
Nacon.....	122, 328	7, 499	-----	-----	111, 487	2, 688	674	114, 829	6. 1	93. 9
Vermilion.....	1, 259, 235	730, 208	424, 545	2, 865	79, 357	7, 823	14, 437	101, 617	91. 9	8. 1

Sixth District totals.....	3, 927, 286	623, 731	2, 850, 866	17, 352	199, 457	141, 707	88, 173	3, 497, 949	429, 337	89. 1	10. 9
Macapin.....	3, 292, 323	243, 377	2, 688, 501	17, 352	168, 956	115, 140	58, 997	2, 949, 230	343, 093	89. 6	10. 4
Montgomery.....	634, 963	380, 354	168, 365	-----	30, 501	26, 567	29, 176	548, 719	86, 244	86. 4	13. 6
Seventh District totals.....	1, 294, 083	677, 405	139, 309	-----	366, 413	49, 918	61, 578	816, 774	477, 909	63. 1	36. 9
Bond.....	71, 725	26, 898	5, 732	-----	34, 448	4, 647	-----	32, 630	39, 095	45. 5	54. 5
Madison.....	1, 036, 735	561, 808	105, 399	-----	285, 364	36, 241	47, 923	667, 207	369, 528	64. 4	35. 6
Marion.....	186, 223	88, 759	28, 178	-----	46, 601	9, 030	13, 555	116, 937	68, 286	62. 8	37. 2
Eighth District totals.....	1, 734, 033	537, 181	251, 338	10, 923	831, 715	46, 767	56, 109	799, 442	934, 591	46. 1	53. 9
Clinton.....	128, 222	23, 694	-----	-----	91, 638	8, 724	4, 166	23, 694	104, 528	18. 5	81. 5
St. Clair.....	1, 605, 811	513, 487	251, 338	10, 923	740, 077	38, 043	51, 943	775, 748	830, 063	48. 3	51. 7
Ninth District totals.....	5, 470, 523	2, 736, 707	1, 894, 849	38, 612	527, 429	70, 351	202, 575	4, 670, 168	800, 355	85. 4	14. 6
Jackson.....	1, 212, 657	961, 079	218, 053	-----	2, 373	1, 417	29, 735	1, 179, 132	33, 525	97. 2	2. 8
Perry.....	2, 943, 558	1, 204, 765	1, 159, 198	21, 401	*411, 462	35, 165	111, 567	2, 385, 364	558, 194	81. 0	19. 0
Randolph.....	1, 076, 240	503, 045	428, 006	-----	68, 933	16, 993	59, 263	931, 031	145, 189	86. 5	13. 5
Washington.....	238, 068	67, 818	89, 592	17, 211	44, 461	16, 776	2, 010	174, 621	63, 447	73. 3	26. 7
*372, 072	tons sold to	Universal Wa	sher.	-----	-----	-----	-----	-----	-----	-----	-----
Tenth District.....	7, 873, 999	5, 079, 807	2, 259, 815	-----	88, 563	121, 458	324, 356	7, 539, 622	334, 377	95. 8	4. 2
Franklin.....	7, 873, 999	5, 079, 807	2, 259, 815	-----	88, 563	121, 458	324, 356	7, 539, 622	334, 377	95. 8	4. 2
Eleventh District totals.....	3, 114, 877	2, 424, 583	515, 154	-----	41, 683	50, 237	83, 220	2, 939, 737	175, 140	94. 4	5. 6
Saline.....	3, 108, 634	2, 422, 265	515, 154	-----	39, 100	49, 364	82, 751	2, 937, 419	171, 215	94. 5	5. 5
White.....	6, 243	2, 318	-----	-----	2, 883	873	469	2, 318	3, 925	37. 1	62. 9
Twelfth District totals.....	1, 787, 100	1, 218, 078	492, 833	-----	25, 119	34, 018	17, 052	1, 710, 911	76, 189	95. 7	4. 3
Williamson.....	1, 787, 100	1, 218, 078	492, 833	-----	25, 119	34, 018	17, 052	1, 710, 911	76, 189	95. 7	4. 3
Shipping mines.....	38, 442, 559	21, 814, 191	11, 584, 085	77, 468	3, 401, 949	599, 685	964, 881	33, 476, 344	4, 966, 515	87. 1	12. 9
Local mines.....	3, 944, 509	-----	-----	-----	3, 645, 953	182, 201	116, 355	-----	3, 944, 509	-----	100. 0
The State.....	42, 387, 368	21, 814, 191	11, 584, 085	77, 468	7, 047, 902	781, 886	1, 081, 236	33, 476, 344	8, 911, 024	79. 0	21. 0

TABLE 18—TONS MINED FOR THE YEARS 1929 TO 1938 INCLUSIVE, ARRANGED BY DISTRICTS AND BY COUNTIES,  
ALPHABETICALLY WITHIN EACH DISTRICT.

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Bureau County.....	8, 175	13, 324	10, 973	16, 632	18, 268	31, 851	59, 688	68, 017	70, 527	60, 016
Shipping mines.....	3, 019	6, 084	10, 973	16, 632	18, 268	31, 851	42, 129	55, 751	57, 207	45, 743
Local mines.....	5, 156	7, 240	10, 973	16, 632	18, 268	31, 851	17, 559	12, 266	13, 320	14, 273
Grundy County.....	410, 442	101, 776	32, 564	68, 791	127, 167	138, 455	130, 907	162, 388	169, 528	124, 626
Shipping mines.....	380, 353	73, 046	32, 564	68, 791	127, 167	138, 455	130, 907	19, 603	9, 770	124, 626
Local mines.....	30, 089	28, 730	32, 564	68, 791	127, 167	138, 455	130, 907	142, 785	159, 758	124, 626
Henry County.....	86, 263	504, 761	775, 956	745, 982	744, 313	664, 858	682, 502	697, 565	728, 938	681, 911
Shipping mines.....	48, 600	442, 322	696, 554	655, 055	642, 262	559, 617	559, 346	580, 719	622, 255	604, 183
Local mines.....	37, 663	62, 439	79, 402	90, 927	102, 051	105, 241	123, 156	116, 846	106, 683	77, 728
Kankakee County.....		800								
Shipping mines.....		800								
Local mines.....		800								
LaSalle County.....	548, 257	326, 341	316, 035	356, 879	352, 735	324, 465	437, 541	583, 659	476, 720	362, 851
Shipping mines.....	334, 773	155, 795	170, 324	132, 155	198, 290	189, 807	247, 263	317, 371	399, 532	300, 492
Local mines.....	213, 484	170, 546	145, 711	224, 724	154, 445	134, 658	190, 278	266, 288	77, 197	62, 359
Livingston County.....	26, 638	24, 351	23, 830	31, 970	29, 569	25, 724	21, 564	17, 133	16, 153	15, 381
Shipping mines.....										
Local mines.....	26, 638	24, 351	23, 830	31, 970	29, 569	25, 724	21, 564	17, 133	16, 153	15, 381
Mercer County.....	27, 936	23, 744	21, 796	32, 403	41, 154	40, 354	34, 294	36, 946	27, 925	21, 938
Shipping mines.....										
Local mines.....	27, 936	23, 744	21, 796	32, 403	41, 154	40, 354	34, 294	36, 946	27, 925	21, 938
Putnam County.....		2, 873	13, 387	104, 555	68, 953	80, 913	81, 124	64, 198	45, 879	25, 600
Shipping mines.....			13, 387	104, 555	68, 953	80, 913	81, 124	64, 198	45, 879	25, 600
Local mines.....		2, 873								

Rock Island County.....	18, 670	17, 345	34, 774	47, 775	67, 887	78, 298	74, 226	62, 137	45, 261	30, 380
Shipping mines.....										
Local mines.....										
Will County.....	18, 670	17, 345	34, 774	47, 775	67, 887	78, 298	74, 226	62, 137	45, 261	30, 380
Shipping mines.....	701, 280	865, 666	988, 500	976, 178	982, 016	988, 951	1, 068, 581	1, 483, 026	1, 393, 077	1, 323, 386
Local mines.....	701, 280	865, 666	988, 500	976, 178	982, 016	946, 801	1, 000, 811	1, 414, 944	1, 318, 001	1, 252, 018
First District Totals.....	1, 827, 661	1, 880, 981	2, 217, 815	2, 381, 165	2, 432, 062	2, 353, 869	2, 590, 427	3, 175, 069	2, 974, 017	2, 646, 089
Shipping mines.....	1, 468, 025	1, 542, 913	1, 868, 765	1, 867, 943	1, 891, 521	1, 777, 138	1, 930, 673	2, 452, 586	2, 452, 644	2, 202, 436
Local mines.....	359, 636	338, 068	349, 050	513, 222	540, 541	576, 731	659, 754	722, 483	521, 373	443, 653
Marshall County.....	13, 205	7, 796	6, 128	11, 640	13, 623	12, 722	12, 046	10, 391	11, 200	5, 979
Shipping mines.....										
Local mines.....	13, 205	7, 796	6, 128	11, 640	13, 623	12, 722	12, 046	10, 391	11, 200	5, 979
Peoria County.....	1, 636, 697	967, 745	1, 214, 567	749, 358	1, 443, 261	1, 536, 550	1, 532, 648	1, 652, 228	1, 485, 717	1, 246, 036
Shipping mines.....	1, 294, 065	755, 067	1, 030, 832	512, 250	1, 158, 579	1, 253, 164	1, 222, 500	1, 316, 173	1, 112, 036	945, 049
Local mines.....	342, 632	192, 678	183, 735	236, 108	284, 682	283, 386	310, 148	336, 055	373, 681	300, 987
Stark County.....	12, 197	14, 051	8, 754	12, 082	15, 801	20, 842	18, 180	19, 235	20, 783	18, 437
Shipping mines.....										
Local mines.....	12, 197	14, 051	8, 754	12, 082	15, 801	20, 842	18, 180	19, 235	20, 783	18, 437
Tazewell County.....	509, 480	437, 791	343, 221	395, 611	325, 668	328, 142	286, 822	303, 609	282, 621	219, 690
Shipping mines.....	422, 647	337, 662	251, 314	273, 664	219, 069	212, 515	140, 819	165, 841	126, 007	78, 590
Local mines.....	86, 833	100, 129	91, 877	121, 947	106, 599	115, 627	146, 003	137, 768	156, 614	141, 139
Woodford County.....	64, 335	68, 925	48, 447	67, 387	98, 082	103, 290	96, 727	82, 663	72, 984	56, 168
Shipping mines.....										
Local mines.....	64, 335	68, 925	48, 447	67, 387	98, 082	103, 290	96, 727	82, 663	72, 984	56, 168
Second District Totals.....	2, 235, 914	1, 496, 308	1, 621, 117	1, 235, 078	1, 896, 435	2, 001, 516	1, 946, 423	2, 068, 126	1, 873, 305	1, 546, 319
Shipping mines.....	1, 781, 047	1, 181, 654	1, 330, 023	853, 301	1, 475, 730	1, 568, 939	1, 460, 046	1, 564, 677	1, 311, 027	1, 079, 777
Local mines.....	454, 867	314, 654	290, 494	381, 777	420, 705	432, 577	486, 377	503, 449	562, 278	466, 542
Adams County.....						64	412	112	909	21, 024
Shipping mines.....										
Local mines.....						64	412	112	909	21, 024

TABLE 18—Continued.

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Brown County.....										
Shipping mines.....										
Local mines.....									20, 231	812
Fulton County.....										
Shipping mines.....	1, 729, 145	1, 634, 772	1, 308, 993	1, 385, 613	1, 312, 989	1, 693, 249	2, 169, 839	2, 731, 397	3, 334, 320	2, 975, 404
Local mines.....	1, 558, 217	1, 474, 002	1, 229, 481	1, 116, 524	994, 505	1, 526, 408	1, 926, 313	2, 414, 701	2, 976, 168	2, 660, 132
Hancock County.....	170, 928	169, 770	169, 512	268, 089	318, 484	166, 841	243, 526	316, 696	358, 152	315, 272
Shipping mines.....	5, 941	3, 836	3, 135	4, 783	3, 928	2, 748	5, 279	3, 287	2, 516	3, 101
Local mines.....										
Knox County.....										
Shipping mines.....	5, 941	3, 836	3, 135	4, 783	3, 928	2, 748	5, 279	3, 287	2, 516	3, 101
Local mines.....	217, 886	341, 889	340, 797	296, 538	417, 607	387, 562	384, 269	426, 113	863, 175	653, 353
Shipping mines.....	191, 821	294, 517	290, 581	238, 722	295, 536	311, 751	289, 580	323, 967	722, 261	499, 309
Local mines.....	96, 065	47, 372	50, 216	57, 816	122, 071	75, 811	94, 689	102, 116	140, 914	154, 044
McDonough County.....										
Shipping mines.....	9, 054	8, 867	11, 836	27, 357	14, 775	10, 072	8, 062	10, 628	6, 482	4, 790
Local mines.....										
Schuyler County.....										
Shipping mines.....	9, 054	8, 867	11, 836	27, 357	14, 775	10, 072	8, 062	10, 628	6, 482	4, 790
Local mines.....	23, 189	25, 864	35, 568	34, 037	32, 811	50, 897	72, 514	84, 731	73, 673	55, 232
Shipping mines.....										
Local mines.....	23, 189	25, 864	35, 568	34, 037	32, 811	50, 897	72, 514	84, 731	73, 673	55, 232
Warren County.....										
Shipping mines.....	5, 297	5, 482	4, 672	6, 988	7, 791	8, 677	7, 483	8, 792	10, 418	8, 491
Local mines.....										
Third District Totals.....										
Shipping mines.....	5, 297	5, 482	4, 672	6, 988	7, 791	8, 677	7, 483	8, 792	10, 418	8, 491
Local mines.....	1, 990, 512	2, 020, 710	1, 795, 001	1, 755, 305	1, 789, 901	2, 156, 321	2, 649, 508	3, 266, 729	4, 311, 724	3, 722, 207
Shipping mines.....										
Local mines.....	1, 750, 038	1, 768, 519	1, 590, 062	1, 355, 246	1, 290, 041	1, 838, 159	2, 215, 893	2, 738, 098	3, 698, 429	3, 159, 441
Cass County.....	240, 474	252, 191	274, 939	400, 059	499, 800	318, 162	433, 615	528, 031	613, 295	562, 766
Shipping mines.....	500	755		1, 240	812	1, 758	2, 259	325	915	2, 632
Local mines.....										
Shipping mines.....										
Local mines.....	500	755		1, 240	812	1, 758	2, 259	325	915	2, 632



Christian County	3, 655, 022	3, 635, 976	2, 987, 378	1, 844, 735	3, 840, 792	3, 866, 706	3, 914, 908	4, 489, 711	4, 759, 298	3, 704, 690
Shipping mines	3, 655, 022	3, 635, 976	2, 981, 000	1, 835, 286	3, 836, 292	3, 860, 706	3, 910, 364	4, 488, 242	4, 743, 598	3, 694, 142
Local mines	-----	-----	6, 378	9, 449	4, 500	6, 000	4, 544	1, 469	15, 700	10, 548
Logan County	137, 234	130, 350	114, 519	94, 504	28, 122	-----	-----	-----	2, 969	15, 674
Shipping mines	137, 234	130, 350	114, 519	94, 504	28, 122	-----	-----	-----	-----	-----
Local mines	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Menard County	83, 445	99, 573	89, 215	96, 007	79, 354	105, 972	136, 184	134, 759	143, 649	116, 605
Shipping mines	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines	83, 445	99, 573	89, 215	96, 007	79, 354	105, 972	136, 184	134, 759	143, 649	116, 605
Morgan County	720	300	1, 066	2, 253	2, 175	765	517	500	1, 092	1, 350
Shipping mines	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines	720	300	1, 066	2, 253	2, 175	765	517	500	1, 092	1, 350
Pike County	500	-----	1, 130	2, 160	-----	-----	-----	-----	-----	-----
Shipping mines	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines	500	-----	1, 130	2, 160	-----	-----	-----	-----	-----	-----
Sangamon County	4, 275, 675	3, 700, 419	3, 352, 211	1, 921, 826	2, 081, 211	2, 343, 288	2, 518, 608	2, 870, 954	2, 594, 104	1, 916, 707
Shipping mines	4, 160, 197	3, 577, 046	3, 218, 458	1, 667, 479	1, 942, 248	2, 195, 923	2, 335, 381	2, 673, 638	2, 338, 696	1, 669, 789
Local mines	115, 478	123, 373	133, 753	154, 347	138, 963	147, 365	183, 227	197, 316	235, 408	246, 918
Scott County	2, 929	1, 408	1, 609	4, 492	1, 317	4, 955	5, 382	3, 345	2, 119	1, 745
Shipping mines	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines	2, 929	1, 408	1, 609	4, 492	1, 317	4, 955	5, 382	3, 345	2, 119	1, 745
Fourth District Totals	8, 156, 025	7, 568, 781	6, 547, 128	3, 867, 217	6, 033, 783	6, 323, 444	6, 577, 858	7, 499, 594	7, 504, 146	5, 759, 403
Shipping mines	7, 952, 453	7, 343, 372	6, 313, 977	3, 597, 269	5, 806, 662	6, 056, 629	6, 245, 745	7, 161, 880	7, 082, 294	5, 363, 931
Local mines	203, 572	225, 409	233, 151	269, 948	227, 121	266, 815	332, 113	337, 714	421, 852	395, 472
Edgar County	10, 243	9, 896	9, 428	18, 266	19, 299	24, 290	36, 905	34, 463	63, 575	84, 611
Shipping mines	3, 100	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines	7, 143	9, 896	9, 428	18, 266	19, 299	24, 290	36, 905	34, 463	27, 087	53, 210
Macon County	130, 159	99, 671	82, 274	77, 938	146, 523	164, 401	174, 859	162, 283	145, 289	122, 328
Shipping mines	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines	130, 159	99, 671	82, 274	77, 938	146, 523	164, 401	174, 859	162, 283	145, 289	122, 328



Crawford County	3,500	3,500			5,578	5,078	3,479	1,436	1,773
Shipping mines									
Local mines	3,500	3,500			5,578	5,078	3,479	1,436	1,773
Jasper County				125	280		450	555	1,254
Shipping mines									
Local mines				125	280		450	555	1,254
Madison County	2,749,319	2,229,592	1,157,124	1,329,026	1,616,665	1,697,334	1,837,716	1,658,632	1,371,709
Shipping mines	2,687,808	2,163,121	1,093,312	1,154,020	1,342,513	1,374,790	1,472,041	1,295,392	1,036,735
Local mines	61,511	66,471	63,812	175,066	274,152	322,544	365,675	363,240	334,974
Marion County	537,703	376,799	360,576	395,255	292,762	342,156	398,701	317,542	186,223
Shipping mines	537,703	376,799	360,576	395,255	292,762	342,156	398,701	317,542	186,223
Local mines									
Richland County						35			
Shipping mines									
Local mines						35			
Seventh District Totals	3,492,710	2,740,716	1,573,218	1,724,406	1,943,932	2,129,448	2,352,838	2,029,922	1,632,684
Shipping mines	3,431,199	2,670,745	1,505,906	1,649,275	1,663,887	1,801,301	1,983,234	1,664,691	1,294,683
Local mines	61,511	69,971	67,312	175,131	280,045	328,147	369,604	365,231	338,001
Clinton County	542,843	364,767	183,507	212,224	284,250	243,418	303,013	264,413	128,222
Shipping mines	542,843	364,767	183,507	212,224	284,250	243,418	303,013	264,413	128,222
Local mines									
Monroe County				505	444	602	400	300	206
Shipping mines									
Local mines				505	444	602	400	300	206
St. Clair County	2,803,441	2,447,784	2,778,643	2,431,681	2,508,219	2,496,287	2,942,549	2,697,626	2,274,746
Shipping mines	2,587,572	2,142,740	2,430,146	2,057,754	2,043,764	2,019,250	2,280,493	2,009,768	1,605,811
Local mines	215,869	305,044	348,497	373,927	464,455	477,037	662,056	687,858	668,935
Eighth District Totals	3,346,284	2,812,551	2,962,150	2,644,410	2,792,913	2,740,307	3,245,962	2,962,339	2,403,174
Shipping mines	2,587,572	2,142,740	2,430,146	2,057,754	2,043,764	2,262,668	2,583,506	2,274,181	1,734,033
Local mines	215,869	305,044	348,497	373,432	464,899	477,639	662,456	688,158	669,141

TABLE 18—Continued.

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Jackson County	1,565,752	2,054,836	1,938,141	1,391,403	1,234,189	1,525,513	1,336,558	1,840,277	1,720,094	1,322,986
Shipping mines	1,528,044	2,003,806	1,892,008	1,336,968	1,179,090	1,479,068	1,271,125	1,767,398	1,599,078	1,212,657
Local mines	48,708	51,030	46,133	54,435	55,099	46,445	65,430	72,879	121,016	110,329
Perry County	2,940,513	3,309,642	2,990,440	3,086,628	2,602,398	3,038,966	3,330,250	3,430,836	3,873,355	2,975,088
Shipping mines	2,923,936	3,297,818	2,973,148	3,065,944	2,580,392	3,019,772	3,307,806	3,398,480	3,847,463	2,943,558
Local mines	16,577	11,824	17,292	20,684	22,006	19,194	22,444	32,356	25,892	31,530
Randolph County	564,984	443,195	469,188	237,509	396,843	477,330	568,892	606,915	1,300,113	1,115,692
Shipping mines	519,289	399,775	426,289	195,599	356,552	435,196	522,885	558,437	1,337,086	1,076,240
Local mines	45,695	43,420	42,899	41,910	40,291	42,134	46,007	48,478	53,027	39,422
Washington County	525,632	531,304	384,350	340,327	294,656	320,942	379,032	348,400	335,717	256,726
Shipping mines	518,432	522,324	378,850	333,827	257,805	315,909	371,372	320,525	311,004	238,068
Local mines	7,200	8,980	5,500	6,500	6,851	5,033	7,660	27,875	24,713	18,658
Ninth District Totals	5,007,881	6,338,983	5,782,119	5,055,767	4,498,086	5,362,751	5,614,732	6,226,428	7,319,279	5,670,462
Shipping mines	5,489,701	6,223,747	5,670,295	4,932,338	4,373,839	5,249,945	5,473,191	6,044,840	7,094,631	5,470,523
Local mines	118,180	115,236	111,824	123,429	124,247	112,806	141,541	181,588	224,648	199,939
Franklin County	14,819,448	11,997,347	9,531,560	7,004,359	6,703,883	7,780,162	7,985,155	9,432,140	10,107,267	7,873,999
Shipping mines	14,819,448	11,997,347	9,531,560	7,004,359	6,703,883	7,780,162	7,985,155	9,432,140	10,107,267	7,873,999
Local mines										
Jefferson County						541	957	420	380	1,535
Shipping mines						541	957	420	380	1,535
Local mines										
Tenth District Totals	14,819,448	11,997,347	9,531,560	7,004,359	6,703,883	7,780,703	7,986,112	9,432,560	10,108,647	7,875,534
Shipping mines	14,819,448	11,997,347	9,531,560	7,004,359	6,703,883	7,780,162	7,985,155	9,432,140	10,108,267	7,873,999
Local mines							957	420	380	1,535
Gallatin County	23,623	21,664	29,152	25,239	37,362	33,656	49,281	49,665	34,003	57,719
Shipping mines	9,348	2,350		25,239	37,362	33,656	49,281	49,665	34,003	57,719
Local mines	14,275	19,314	29,152							

Pope County.....	100	150	250	50	250	179	117	47	119
Shipping mines.....	100	150	250	50	250	179	117	47	119
Local mines.....									
Saline County.....	4, 132, 043	3, 670, 144	2, 973, 465	2, 429, 707	2, 502, 688	2, 734, 233	3, 710, 074	3, 497, 557	3, 148, 078
Shipping mines.....	4, 120, 143	3, 655, 452	2, 957, 019	2, 401, 303	2, 479, 670	2, 700, 687	3, 670, 516	3, 490, 130	3, 108, 634
Local mines.....	11, 900	14, 692	16, 446	28, 404	23, 018	33, 546	33, 538	37, 427	39, 444
Wabash County.....	6, 232	6, 602	6, 608	10, 117	13, 370	14, 212	12, 440	9, 419	10, 636
Shipping mines.....									
Local mines.....	6, 232	6, 602	6, 608	10, 117	13, 370	14, 212	12, 440	9, 419	10, 636
White County.....	34, 841	25, 423	8, 608	27, 747	26, 483	31, 006	23, 040	33, 857	6, 723
Shipping mines.....	34, 841	25, 423	8, 608	27, 747	26, 483	31, 006	23, 040	33, 857	6, 243
Local mines.....									480
Eleventh District Totals.....	4, 196, 839	3, 723, 983	3, 018, 083	2, 492, 860	2, 580, 153	2, 813, 307	3, 795, 336	3, 574, 883	3, 223, 275
Shipping mines.....	4, 164, 332	3, 683, 225	2, 965, 627	2, 429, 050	2, 506, 153	2, 731, 693	3, 693, 556	3, 493, 987	3, 114, 877
Local mines.....	32, 507	40, 758	52, 456	63, 810	74, 000	81, 614	101, 780	80, 896	108, 398
Johnson County.....	58	2, 286	1, 690	1, 440	1, 388	729	250	135	30
Shipping mines.....									
Local mines.....	58	2, 286	1, 690	1, 440	1, 388	729	250	135	30
Williamson County.....	5, 274, 804	4, 107, 573	2, 165, 819	1, 933, 638	2, 036, 247	2, 090, 090	2, 992, 988	2, 818, 989	2, 159, 324
Shipping mines.....	5, 223, 641	4, 033, 845	2, 090, 098	1, 807, 728	1, 892, 183	1, 899, 152	2, 641, 243	2, 382, 214	1, 787, 100
Local mines.....	51, 163	73, 728	75, 721	125, 910	144, 064	190, 938	351, 745	436, 775	372, 224
Twelfth District Totals.....	5, 274, 802	4, 109, 859	2, 167, 509	1, 935, 078	2, 037, 635	2, 090, 819	2, 993, 238	2, 919, 124	2, 159, 354
Shipping mines.....	5, 223, 641	4, 033, 845	2, 090, 098	1, 807, 728	1, 892, 183	1, 899, 152	2, 641, 243	2, 382, 214	1, 787, 100
Local mines.....	51, 221	76, 014	77, 411	127, 350	145, 452	191, 667	351, 995	436, 910	372, 254
The State.....	61, 127, 759	54, 035, 116	45, 152, 623	34, 120, 786	38, 320, 125	41, 724, 078	51, 475, 899	52, 432, 255	42, 387, 368
Shipping mines.....	59, 075, 995	51, 996, 608	43, 073, 058	31, 402, 399	35, 390, 677	38, 655, 527	41, 410, 414	47, 285, 587	38, 442, 859
Local mines.....	2, 051, 764	2, 038, 508	2, 079, 565	2, 718, 387	2, 929, 448	3, 068, 551	4, 190, 312	4, 370, 179	3, 944, 509

TABLE 19—MINES SERVED BY RAILROADS AND THE INITIALS OF ROAD SERVING—ARRANGED BY COUNTIES AND DISTRICTS.

Operator.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
BUREAU COUNTY.....		1,603			1,603
Spring Valley Coal Mining Co.....	C. & N. W..... C. R. I. & P.....	1,225 378			1,225 378
HENRY COUNTY.....		406,116	150,209		556,325
Midland Electric Coal Corp., No. 1.....	C. R. I. & P..... Belt Ry. Co.....	379,908	134,066		513,974 6,540
Shuler Coal Co., No. 2.....	C. B. & Q.....	26,208	9,603		35,811
LA SALLE COUNTY.....		97,219	2,087		99,306
Buffalo Rock Coal Co.....	C. R. I. & P.....	7,585	347		7,932
Peru Deep Vein Coal Co., No. 3.....	C. R. I. & P.....	17,310			17,310
Union Coal Co.....	C. R. I. & P.....	45,109			45,109
Wilmington Coal Mines, Inc.....	C. R. I. & P.....	12,459			12,459
Osage Coal Co., No. 1.....	C. R. I. & P..... Belt Ry. Co.....	14,756	416 1,324		15,172 1,324
WILL COUNTY.....		807,198	286,828		1,094,026
Northern Illinois Coal Corp., No. 10.....	A. T. & S. F..... C. & A..... Belt Ry. Co..... B. & O.....	408,810 398,388	205,749 34,667 7,279 39,133		614,559 433,055 7,279 39,133
Total First District.....		1,312,136	439,124		1,751,260
PEORIA COUNTY.....		56,675	829,960		886,635
Crescent Mining Co., No. 1.....	P. T. Co..... C. R. I. & P.....	3,870	505 458,813		4,375 458,813
Crescent Mining Co., No. 6.....	P. T. Co..... P. & P. U..... C. R. I. & P.....	50,511	3,010 1,168 360,129		53,521 1,168 360,129
Dorthel Coal Co., No. 1.....	M. & St. L.....	2,294	6,335		8,629
TAZEWELL COUNTY.....		3,961	22,237		26,198
Lake Erie Mining Co.....	P. & P. U..... C. & N. W..... C. R. I. & P..... C. C. C. & St. L..... C. & I. M..... L. E. & W..... C. & A..... I. C..... T. P. & W..... N. K. P..... C. B. & Q..... C. C. C. & St. L.....	388 137 220 513 95 36 206 48 158 381 136 1,643	22,237		22,625 137 220 513 95 36 206 48 158 381 136 1,643
WOODFORD COUNTY.....		10,634			10,634
Roanoke Coal & Tile Co.....	A. T. & S. F.....	262			262
W. G. Sutton.....	I. C..... A. T. & S. F.....	10,166 206			10,166 206
Total Second District.....		71,270	852,197		923,467

TABLE 19—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
<b>FULTON COUNTY</b> .....		1, 597, 281	791, 530		2, 388, 811
Blakley Coal Co. ....	C. B. & Q. ....	21, 225	5, 700		26, 925
	T. P. & W. ....		250		250
	C. G. W. ....		750		750
Central State Collieries, Inc. ....	C. G. W. ....		54, 276		54, 276
	C. W. P. & S. ....		2, 893		2, 893
	Ill. Northern. ....		1, 289		1, 289
	T. P. & W. ....		8, 000		8, 000
	Tri-City R. R. ....		155		155
	A. T. & S. F. ....		12, 924		12, 924
	M. & St. L. ....		5, 481		5, 481
	Belt Ry. Co. ....		1, 925		1, 925
	C. R. I. & P. ....		1, 131		1, 131
	C. B. & Q. ....	252, 519	27, 572		280, 091
Golden Rule Coal Co. ....	M. & St. L. ....		20, 784		20, 784
Illinois Colliery Co. ....	C. B. & Q. ....	10, 135	4, 090		14, 225
Midland Electric Coal Corp., No. 2. ....	M. & St. L. ....	279, 332			279, 332
	B. M. & N. W. ....		599		599
	C. & N. W. ....	139, 738	83, 397		223, 135
	C. M. St. P. M & O. ....		35		35
	C. M. St. P. & P. ....		32		32
	I. H. B. ....		9, 953		9, 953
	M. & St. L. ....		139, 534		139, 534
	Minn. Transfer. ....		4, 672		4, 672
Pschirrer & Sons Coal Co., No. 3. ....	C. B. & Q. ....	36, 211	6, 690		42, 901
	T. P. & W. ....		1, 062		1, 062
	M. & St. L. ....		157		157
	C. G. W. ....		2, 000		2, 000
Truax-Traer Coal Co., No. 1. ....	C. B. & Q. ....	188, 390	132, 947		321, 337
Truax-Traer Coal Co., No. 2. ....	C. B. & Q. ....	255, 347	97, 663		353, 010
United Electric Coal Cos., No. 9. ....	C. B. & Q. ....	97, 703	40, 996		138, 699
	Belt Ry. Co. ....		422		422
	C. G. W. ....		11, 752		11, 752
	C. & N. W. ....		2, 433		2, 433
	T. P. & W. ....		56		56
	R. I. & S. ....		54		54
United Electric Coal Cos. No. 17. ....	C. B. & Q. ....	316, 681	44, 715		361, 396
	C. G. W. ....		43, 493		43, 493
	M. & St. L. ....		15, 745		15, 745
	Belt Ry. Co. ....		4, 529		4, 529
	C. & N. W. ....		1, 374		1, 374
<b>KNOX COUNTY</b> .....		402, 636	96, 673		499, 309
Little John Coal Co. ....	G. & G. E. ....	402, 636	2, 548		405, 184
	C. B. & Q. ....		7, 751		7, 751
	C. G. W. ....		8, 703		8, 703
	A. T. & S. F. ....		77, 671		77, 671
<b>Total Third District</b> .....		1, 999, 917	888, 203		2, 888, 120
<b>CHRISTIAN COUNTY</b> .....		3, 334, 431	223, 635	7, 071	3, 565, 137
Pana Coal Co., No. 1. ....	I. C. ....	7, 240		7, 071	14, 311
	B. & O. ....	612			612
	C. C. C. & St. L. ....	84			84
Peabody Coal Co., No. 7. ....	C. & I. M. ....	874, 930	42, 685		917, 615
Peabody Coal Co., No. 8. ....	C. & I. M. ....	883, 867	62, 622		946, 489
Peabody Coal Co., No. 9. ....	C. & I. M. ....	900, 722	54, 230		954, 952
Peabody Coal Co., No. 58. ....	C. & I. M. ....	548, 078			548, 078
	Wabash. ....	75, 248	61, 262		136, 510
Penwell Coal Mining Co. ....	I. C. ....	42, 563	2, 836		45, 399
	B. & O. ....	1, 051			1, 051
	C. C. C. & St. L. ....	36			36

TABLE 19—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
SANGAMON COUNTY		1,027,812	327,612	645	1,356,069
Central Illinois Coal Mining Co., "A"	C. S. & St. L.	35,266	84,861		120,127
Panther Creek Mines, No. 4	B. & O.	1,954			1,954
	C. & A.	43,201	16,303		59,504
	Wabash	32,365	25,570		57,935
	I. C.	11,911			11,911
	C. & I. M.	1,302			1,302
	C. S. & St. L.	3,255			3,255
	I. T. C.	3,439			3,439
Panther Creek Mines, No. 5	C. & A.	54,905	40,688		95,593
	I. C.	10,894			10,894
	Wabash	36,746	13,193		49,939
	C. & I. M.	1,528			1,528
	I. T. C.	2,460			2,460
	B. & O.	2,515			2,515
	C. S. & St. L.	1,185			1,185
Peabody Coal Co., No. 53	C. S. & St. L.	762			762
	Wabash	83,427	104,653		188,080
	C. & A.	7,085	2,625		9,710
	I. C.	2,974			2,974
	C. & I. M.	110,272			110,272
	I. T. C.	4,942			4,942
	B. & O.	167			167
Peabody Coal Co. No. 57	B. & O.	17,602	9,216		26,818
	I. T. C.	80,740			80,740
	I. C.	11,098	874		11,972
	C. & I. M.	116,303			116,303
	C. S. & St. L.	3,256			3,256
	Wabash	9,929			9,929
Peabody Coal Co. No. 59	S. T. Co.	243,483	29,629	645	273,757
Brewerton Co., The	Wabash	61,896			61,896
	B. & O.	30,950			30,950
Total Fourth District		4,362,243	551,247	7,716	4,921,206
EDGAR COUNTY		33,366	19,205		52,571
Lincoln City Coal Co., Inc.	C. M. St. P. & P.	33,366	19,205		52,571
MACON COUNTY		7,499			7,499
Macon County Coal Co.	I. C.	7,499			7,499
VERMILION COUNTY		730,208	424,545	2,865	1,157,618
United States Fuel Co., Bun	E. J. & E.	335,175	248,483	2,865	586,523
Peabody Coal Co. No. 24	Wabash	63,397	37,418		100,815
	C. & E. I.	35,189	556		35,745
	C. C. C. & St. L.	139,629	106,787		246,416
F. C. Morgan Coal Co.	P. & E.	126,871	6,468		133,339
	I. T. C.	20,654			20,654
Tilton Mining Co.	Wabash	7,044	11,287		18,331
	Belt Ry. Co.		13,546		13,546
Skelton Coal Co.	I. T. C.	2,249			2,249
Total Fifth District		771,073	443,750	2,865	1,217,688



TABLE 19—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
MACOUPIN COUNTY.....		243,377	2,688,501	17,352	2,949,230
Consolidated Coal Co. No. 7.....	Wabash.....	69,105	211,250	-----	280,355
	L. & M.....	968	-----	-----	968
Consolidated Coal Co. No. 15.....	Wabash.....	87,251	131,980	-----	2,9,231
Gillespie Coal Co.....	I. T. C.....	59,262	144,772	-----	204,034
Mt. Olive Coal Co.....	I. C.....	19,950	30,395	17,352	67,697
South Mine Co.....	I. T. C.....	1,921	-----	-----	1,921
Superior Coal Co. No. 1.....	C. & N. W.....	-----	384,472	-----	384,472
Superior Coal Co. No. 2.....	C. & N. W.....	-----	544,344	-----	544,344
Superior Coal Co. No. 3.....	C. & N. W.....	-----	628,998	-----	628,998
Superior Coal Co. No. 4.....	C. & N. W.....	-----	542,053	-----	542,053
Lincoln Liquidating Co.....	C. & A.....	4,920	70,237	-----	75,157
MONTGOMERY COUNTY.....		380,354	168,365	-----	548,719
Hillsboro Mining Co.....	C. C. C. & St. L.....	17,104	4,561	-----	21,665
Indiana & Illinois Coal Corp. No. 10.....	C. C. C. & St. L.....	106,820	36,903	-----	143,723
	C. & E. I.....	20,470	8,362	-----	28,832
	Off Line R. R.....	-----	23,116	-----	23,116
Nokomis Coal Co.....	C. C. C. & St. L.....	169,597	66,228	-----	235,825
	C. & E. I.....	66,363	29,195	-----	95,558
Total Sixth District.....		623,731	2,856,866	17,352	3,497,949
BOND COUNTY.....		26,898	5,732	-----	32,630
Illinois-Pocahontas Coal Co.....	P. R. R.....	26,898	5,732	-----	32,630
MADISON COUNTY.....		561,808	105,399	-----	667,207
Bullock Mining Co.....	P. R. R.....	1,445	-----	-----	1,445
Burn Well Coal Co.....	P. R. R.....	1,181	-----	-----	1,181
Chicopee Coal Co.....	I. T. C.....	300	-----	-----	300
Livingston-Mt. Olive Coal Co.....	C. C. C. & St. L.....	2,697	520	-----	3,217
	C. & E. I.....	3,517	-----	-----	3,517
Lumaghi Coal Co. No. 2.....	P. R. R.....	108,921	-----	-----	108,921
Madison County Coal & Mining Co.....	I. T. C.....	191,106	-----	-----	191,106
Mt. Olive & Staunton Coal Co. No. 2.....	Wabash.....	-----	74,541	-----	74,541
	L. & M.....	252,641	7,294	-----	259,935
	A. & S.....	-----	2,368	-----	2,368
	C. G. W.....	-----	7,278	-----	7,278
	C. & N. W.....	-----	8,378	-----	8,378
	C. R. I. & P.....	-----	691	-----	691
	I. C.....	-----	2,614	-----	2,614
	I. T. C.....	-----	1,715	-----	1,715
MARION COUNTY.....		88,759	28,178	-----	116,937
Marion County Coal Co.....	I. C.....	40,007	11,404	-----	51,411
	C. B. & Q.....	48,004	16,774	-----	64,778
Odin Coal Co.....	I. C.....	748	-----	-----	748
Total Seventh District.....		677,465	139,309	-----	816,774
CLINTON COUNTY.....		23,694	-----	-----	23,694
Beckemeyer Coal Co.....	B. & O.....	8,869	-----	-----	8,869
Citizens Coal Co.....	B. & O.....	8,456	-----	-----	8,456
Southern Coal, Coke & Mining Co. No. 9.....	Southern.....	6,369	-----	-----	6,369

TABLE 19—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
ST CLAIR COUNTY		513,487	251,338	10,923	775,748
Golden Rule Coal Co.	I. C.	31,324	15,436		46,760
Groom Coal Co.	I. C.	10,197		9,710	19,907
Gundlach Coal Co.	Caseyville	76,581	47,616		124,197
Lenzburg Coal Co.	I. C.	52,942	2,263		55,205
Mulberry Hill Coal Co.	I. C.	14,018	2,144		16,162
	A. & S.		216		216
Marissa Coal Co.	I. C.	9,070	1,766		10,836
	A. & S.		323		323
Perry Coal Co., St. Ellen.	I. T. C.	51,470	11,111		62,581
Prairie Coal Co.	I. T. C.	16,975			16,975
St. Louis & O'Fallon Coal Co. No. 2	St. L. & O'F.	137,615	146,286	1,213	285,114
Service Coal Co.	L. & N.	155			155
Service Coal and Mining Co.	L. & N.	150			150
Southern Coal, Coke & Mining Co. No. 6	Southern	6,472			6,472
Southern Coal, Coke & Mining Co. No. 7	Southern	41,363	407		41,770
United Electric Coal Cos. No. 13	I. C.	39,419	15,736		55,155
	C. G. W.		3,829		3,829
Vinegar Hill Coal Co.	I. C.	22,382	4,205		26,587
White Coal Co.	L. & N.	2,500			2,500
Mascoutah Coal & Mining Co.	L. & N.	854			854
Total Eighth District		537,181	251,338	10,923	799,442
JACKSON COUNTY		961,079	218,053		1,179,132
Truax-Traer Coal Co. No. 2	I. C.	201,888	49,426		251,314
	Mo. P.	110,401	61,873		172,274
Union Colliery Co.	I. C.	648,790	106,754		755,544
PERRY COUNTY		1,204,765	1,159,198	21,401	2,385,364
Beaucoup Coal Co.	Mo. P.	14,529	3,176		17,705
H. E. Presswood Coal Co.	Mo. P.	50			50
Pinckneyville Mining Co. No. 5	Mo. P.	9,417	1,960		11,377
	I. C.	4,328	1,025		5,353
Conant Coal Co.	Mo. P.	5,376	4,606		9,982
Peabody Coal Co. No. 14	I. C.	236,120	105,961		342,081
Cutler Coal Co., Inc.	Mo. P.	44,795			44,795
Home Coal Co. No. 43	I. C.	10,600	500		11,100
Edgar Coal Co.	I. C.	3,137			3,137
New Galum Coal Co.	Mo. P.	12,277	5,200		17,477
Perfection Coal Co.	I. C.	8,951		21,401	30,352
Pyramid Coal Corp.	Mo. P.	239,276	386,233		625,509
	I. C.	63,766	81,005		144,771
	C. G. W.		241,292		241,292
United Electric Coal Cos. No. 11	Mo. P.	506,774	227,800		734,574
	I. C.		90,461		90,461
	Belt Ry. Co.		586		586
	A. & S.		1,544		1,544
	Term. R. R. Assn.		1,159		1,159
	C. & E. I.		326		326
	M. & St. L.		1,322		1,322
	W. C. F. & N.		642		642
Whip-Poor-Will Coal Co.	Mo. P.	12,057			12,057
C. & R. Coal Co.	Mo. P.	24,751			24,751
Coulterville Coal Co.	I. C.	3,651	400		4,051
	M. & I.	4,910	3,550		8,460
	Term. R. R. Assn.		450		450

TABLE 19—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
<b>RANDOLPH COUNTY</b> .....		503,045	428,006		931,051
Crain Coal Co.....	Mo. P.....	1,383	860		2,243
Ill-Mo Coal Co.....	M. & I.....	3,232	4,221		7,453
Moffat Coal Co.....	M. & O.....	15,187	189,984		205,171
St. Louis Coal Co.....	I. C.....	30,763	14,005		44,768
	Mo. P.....	12,351	8,280		20,631
	C. & A.....		9,321		9,321
	A. & S.....		3,901		3,901
	Belt Ry. Co.....		3,274		3,274
	C. G. W.....		629		629
Southwestern Illinois Coal Corp.....	Mo. P.....	291,202	111,320		402,522
	M. & O.....	148,927	75,569		224,496
	St. L. S. F.....		2,588		2,588
	A. & S.....		2,146		2,146
	Soo Line.....		258		258
	C. R. I. & P.....		432		432
	Terre, R. R. Assn.....		1,109		1,109
	W. C. F. & N.....		109		109
<b>WASHINGTON COUNTY</b> .....		67,818	89,592	17,211	174,621
Centralia Coal Co.....	I. C.....	41,580	29,460		71,040
Clarkson Coal & Mining Co.....	C. B. & Q.....	23,520	44,270		67,790
Bois Coal Co.....	L. & N.....	1,693	15,862	17,211	34,766
	I. C.....	1,025			1,025
<b>Total Ninth District</b> .....		2,736,707	1,894,849	38,612	4,670,168
<b>FRANKLIN COUNTY</b> .....		5,079,807	2,259,815		7,539,622
Bell & Zoller Coal & Mining Co. No. 1.....	I. C.....	335,650	98,045		433,695
	C. B. & Q.....	160,859	37,670		198,529
	Mo. P.....	174,798	57,804		232,602
Bell & Zoller Coal & Mining Co. No. 2.....	I. C.....	273,663	80,057		353,720
	C. B. & Q.....	130,653	29,861		160,514
	Mo. P.....	142,057	45,517		187,574
Chicago, Wilmington & Franklin Coal Co. No. 1.....	C. B. & Q.....	137,797	34,090		171,887
	Mo. P.....	145,771	43,886		189,657
	I. C.....	176,215	60,007		236,222
	C. & E. I.....	24,422	8,157		32,579
Chicago, Wilmington & Franklin Coal Co., New Orient.....	C. B. & Q.....	218,675	59,281		277,956
	Mo. P.....	219,151	79,692		298,843
	I. C.....	402,004	105,090		507,094
	C. & E. I.....	43,663	19,815		63,478
Franklin County Coal Corp. No. 5.....	C. B. & Q.....	193,871			193,871
	I. C.....	147,695			147,695
	Mo. P.....	75,361			75,361
Franklin County Coal Corp. No. 7.....	C. B. & Q.....	179,925			179,925
	I. C.....	120,627			120,627
	Mo. P.....	99,236			99,236
Old Ben Coal Corp. No. 8.....	C. B. & Q.....	138,800	84,398		223,198
	I. C.....	145,845	18,505		164,350
	Mo. P.....	91,601	8,019		99,620
	C. & E. I.....	10,505	3,060		13,565
Old Ben Coal Corp. No. 11.....	C. B. & Q.....	278,581	34,091		312,672
	I. C.....	1,137			1,137
Old Ben Coal Corp. No. 14.....	C. B. & Q.....	81,825	28,049		109,874
	I. C.....	161,889	67,770		229,659
	Mo. P.....	73,670	69,189		142,859
Old Ben Coal Corp. No. 15.....	C. B. & Q.....	141,466	18,063		159,529
	I. C.....	157,814	62,603		220,417
	Mo. P.....	52,795	1,304		54,099
Peabody Coal Co. No. 18.....	C. & E. I.....	11,225	1,082		12,307
	C. & E. I.....	41,624	26,137		67,761
	C. B. & Q.....	172,592	41,252		213,844
	I. C.....	116,345	7,682		124,027
Valier Coal Co.....	C. B. & Q.....		1,029,639		1,029,639

TABLE 19—Concluded.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
Total Tenth District.....		5, 079, 807	2, 259, 815		7, 539, 622
SALINE COUNTY.....		2, 422, 265	515, 154		2, 937, 419
Bankston Creek Collieries Co. No. 6.....	C. C. C. & St. L.....	438, 547	265, 006		703, 553
Blue Bird Coal Co. No. 6.....	C. C. C. & St. L.....	166, 692	43, 228		209, 920
Peahody Coal Co. No. 43.....	C. C. C. & St. L.....	136, 034	83, 232		219, 266
Peahody Coal Co. No. 47.....	C. C. C. & St. L.....	375, 077	63, 064		438, 141
Rex Coal Co. No. 2.....	I. C.....	213, 276			213, 276
	C. C. C. & St. L.....	91, 404			91, 404
Sahara Coal Co. No. 1.....	C. C. C. & St. L.....	181, 569	7, 591		189, 160
Sahara Coal Co. No. 10.....	C. C. C. & St. L.....	101, 566	14, 262		115, 828
	I. C.....	114, 446	31, 803		146, 249
Sahara Coal Co. No. 12.....	C. C. C. & St. L.....	21, 181	524		21, 705
Wasson Coal Co. "A".....	C. C. C. & St. L.....	60, 368			60, 368
Wasson Coal Co. No. 1.....	C. C. C. & St. L.....	219, 300			219, 300
	I. C.....	173, 166			173, 166
Bankston Creek Collieries Co. No. 5.....	C. C. C. & St. L.....	129, 639	6, 444		136, 083
WHITE COUNTY.....		2, 318			2, 318
White County Coal Co.....	B. & O.....	2, 064			2, 064
	C. C. C. & St. L.....	254			254
Total Eleventh District.....		2, 424, 583	515, 154		2, 939, 737
WILLIAMSON COUNTY.....		1, 218, 078	492, 833		1, 710, 911
Marvel Coal Co.....	Mo. P.....	14, 483	4, 302		18, 785
	St. L. S. W.....		1, 613		1, 613
Consolidated Coal Co., New Monarch.....	I. C.....	158, 629	26, 851		185, 480
	Mo. P.....	53, 944	19, 098		73, 042
	C. B. & Q.....	51, 557	22, 321		73, 878
Delta Coal Mining Co.....	I. C.....	263, 244	75, 240		338, 484
Diamond Coal Co. No. 2.....	C. B. & Q.....	6, 550			6, 550
Forsyth-Carterville Coal Co.....	I. C.....	66, 293	21, 829		88, 122
Franco Mining Co. No. 1.....	C. B. & Q.....	55, 927	18, 232		74, 159
Freeman Coal Mining Co.....	C. B. & Q.....	15, 297	2, 264		17, 561
	I. C.....	16, 236	2, 055		18, 291
McLaren Coal Co. No. 1.....	I. C.....	68, 933			68, 933
New Watson Coal Co.....	Mo. P.....	238			238
Seymour Coal Mining Co.....	I. C.....	155, 839	57, 897		213, 736
	C. B. & Q.....	79, 089	41, 299		120, 388
	Mo. P.....	89, 602	31, 251		120, 853
Wallace Coal Co.....	Mo. P.....	91, 123	90, 683		181, 806
Consolidated Coal Co. Buckhorn.....	I. C.....	26, 518	39, 152		65, 670
	Mo. P.....	2, 416	38, 746		41, 162
Diamond Coal Co. No. 3.....	C. B. & Q.....	2, 160			2, 160
Total Twelfth District.....		1, 218, 078	492, 833		1, 710, 911

TABLE 20—RAILROADS HANDLING THE COAL AND THE MINES SERVED BY EACH

Mine index number.	Railroad and mines served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Illinois Central.....			4, 894, 513	1, 323, 256	55, 534	6, 273, 303
S-1	Bell & Zoller Coal & Mining Co., No. 1.	Franklin.....	10	335, 650	98, 045		433, 695
S-2	Bell & Zoller Coal & Mining Co., No. 2.	Franklin.....	10	273, 663	80, 057		353, 720
S-3	Bois Coal Co.....	Washington.....	9	1, 025			1, 025
S-1	Centralia Coal Co., No. 5.....	Washington.....	9	41, 580	29, 460		71, 040
S-3	Chicago, Wilmington & Franklin Coal Co., No. 1.....	Franklin.....	10	176, 215	60, 007		236, 222
S-4	Chicago, Wilmington & Franklin Coal Co., No. 2.....	Franklin.....	10	402, 004	105, 090		507, 094
S-20	Consolidated Coal Co., Buckhorn.....	Williamson.....	12	26, 518	39, 152		65, 670
S-3	Consolidated Coal Co., New Monarch.....	Williamson.....	12	158, 629	26, 851		185, 480
S-16	Coulterville Coal Co.....	Perry.....	9	3, 651	400		4, 051
S-4	Delta Coal Mining Co.....	Williamson.....	12	263, 244	75, 240		338, 484
S-10	Edgar Coal Co.....	Perry.....	9	3, 137			3, 137
S-7	Forsyth-Carterville Coal Co.....	Williamson.....	12	66, 293	21, 829		88, 122
S-6	Franklin County Coal Corp., No. 5.....	Franklin.....	10	147, 695			147, 695
S-7	Franklin County Coal Corp., No. 7.....	Franklin.....	10	120, 627			120, 627
S-9	Freeman Coal Mining Co.....	Williamson.....	12	16, 236	2, 055		18, 291
S-3	Golden Rule Coal Co.....	St. Clair.....	8	31, 324	15, 436		46, 760
S-4	Groom Coal Co.....	St. Clair.....	8	10, 197		9, 710	19, 907
S-9	Home Coal Co.....	Perry.....	9	10, 600	500		11, 100
S-1	Lake Erie Mining Co.....	Tazewell.....	2	48			48
S-6	Lenzburg Coal Co.....	St. Clair.....	8	52, 942	2, 263		55, 205
S-13	McLaren Coal Co., No. 1.....	Williamson.....	12	68, 933			68, 933
S-1	Macon County Coal Co.....	Macon.....	5	7, 499			7, 499
S-1	Marion County Coal Co.....	Marion.....	7	40, 007	11, 404		51, 411
S-8	Marissa Coal Co.....	St. Clair.....	8	9, 070	1, 766		10, 836
S-4	Mt. Olive Coal Co.....	Macon.....	6	19, 950	30, 395	17, 352	67, 697
S-6	Mt. Olive & Staunton Coal Co., No. 2.....	Maclison.....	7		2, 614		2, 614
S-7	Mulberry Hill Coal Co.....	St. Clair.....	8	14, 018	2, 144		16, 162
S-2	Odin Coal Co.....	Marion.....	7	748			748
S-8	Old Ben Coal Corp., No. 8.....	Franklin.....	10	145, 845	18, 505		164, 350
S-9	Old Ben Coal Corp., No. 11.....	Franklin.....	10	1, 137			1, 137
S-10	Old Ben Coal Corp., No. 14.....	Franklin.....	10	161, 889	67, 770		229, 659
S-11	Old Ben Coal Corp., No. 15.....	Franklin.....	10	157, 814	62, 603		220, 417
S-1	Pana Coal Co.....	Christian.....	4	7, 240		7, 071	14, 311
S-3	Panther Creek Mines, Inc., No. 4.....	Sangamon.....	4	11, 911			11, 911
S-4	Panther Creek Mines, Inc., No. 5.....	Sangamon.....	4	10, 894			10, 894
S-6	Peabody Coal Co., No. 14.....	Perry.....	9	236, 120	105, 961		342, 081
S-12	Peabody Coal Co., No. 18.....	Franklin.....	10	116, 345	7, 682		124, 027
S-5	Peabody Coal Co., No. 53.....	Sangamon.....	4	2, 974			2, 974
S-6	Peabody Coal Co., No. 57.....	Sangamon.....	4	11, 098	874		11, 972
S-6	Penwell Coal Mining Co.....	Christian.....	4	42, 563	2, 836		45, 399
S-12	Perfection Coal Co.....	Perry.....	9	8, 951		21, 401	30, 352
S-4	Pinckneyville Mining Co., No. 5.....	Perry.....	9	4, 328	1, 025		5, 353
S-13	Pyramid Coal Corp.....	Perry.....	9	63, 766	81, 005		144, 771
S-6	Rex Coal Co., No. 2.....	Saline.....	11	213, 276			213, 276
S-9	Sahara Coal Co., No. 1.....	Saline.....	11	114, 446	31, 803		146, 249
S-6	St. Louis Coal Co.....	Randolph.....	9	30, 763	14, 005		44, 768
S-17	Seymour Coal Mining Co.....	Williamson.....	12	155, 839	57, 897		213, 736
S-2	W. G. Sutton.....	Woodford.....	2	10, 166			10, 166
S-1	Truax-Traer Coal Co., No. 2.....	Jackson.....	9	201, 888	49, 426		251, 314
S-2	Union Colliery Co.....	Jackson.....	9	648, 790	106, 754		755, 544
S-14	United Electric Coal Cos., No. 11.....	Perry.....	9		90, 461		90, 461
S-18	United Electric Coal Cos., No. 13.....	St. Clair.....	8	39, 419	15, 736		55, 155
S-19	Vinegar Hill Coal Co.....	St. Clair.....	8	22, 382	4, 205		26, 587
S-12	Wasson Coal Co., No. 1.....	Saline.....	11	173, 166			173, 166
	Chicago, Burlington & Quincy.....			3, 321, 703	1, 919, 281		5, 240, 984
S-1	Bell & Zoller Coal & Mining Co., No. 1.....	Franklin.....	10	160, 859	37, 670		198, 529
S-2	Bell & Zoller Coal & Mining Co., No. 2.....	Franklin.....	10	130, 653	29, 861		160, 514
S-1	Blakley Coal Co.....	Fulton.....	3	21, 225	5, 700		26, 925
S-1	Centralia Coal Co., No. 5.....	Washington.....	9	23, 520	44, 270		67, 790
S-2	Central State Collieries.....	Fulton.....	3	252, 519	27, 572		280, 091
S-3	Chicago, Wilmington & Franklin Coal Co., No. 1.....	Franklin.....	10	137, 797	34, 090		171, 887

TABLE 20—Continued.

Mine index number.	Railroad and mines served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
2-4	Chicago, Wilmington & Franklin Coal Co., No. 2	Franklin	10	218,675	59,281		277,956
2-3	Consolidated Coal Co., New Monarch	Williamson	12	51,557	22,321		73,878
2-6	Diamond Coal Co., No. 2	Williamson	12	6,550			6,550
2-21	Diamond Coal Co., No. 3	Williamson	12	2,160			2,160
2-8	Franco Mining Corp., No. 1	Williamson	12	55,927	18,232		74,159
2-6	Franklin County Coal Corp., No. 5	Franklin	10	193,871			193,871
2-7	Franklin County Coal Corp., No. 7	Franklin	10	179,925			179,925
2-9	Freeman Coal Mining Co.	Williamson	12	15,297	2,264		17,561
2-6	Illinois Colliery Co.	Fulton	3	10,135	4,090		14,225
2-1	Lake Erie Mining Co.	Tazewell	2	136			136
2-2	Little John Coal Co.	Knox	3		7,751		7,751
2-1	Marion County Coal Co.	Marion	7	48,004	16,774		64,778
2-8	Old Ben Coal Corp., No. 8	Franklin	10	138,900	84,398		223,198
2-9	Old Ben Coal Corp., No. 11	Franklin	10	278,581	34,091		312,672
2-10	Old Ben Coal Corp., No. 14	Franklin	10	81,825	28,049		109,874
2-11	Old Ben Coal Corp., No. 15	Franklin	10	141,466	18,063		159,529
2-12	Peabody Coal Co., No. 18	Franklin	10	172,592	41,252		213,844
2-10	Pschirrer & Sons Coal Co., No. 3	Fulton	3	36,211	6,690		42,901
2-17	Seymour Coal Mining Co.	Williamson	12	79,089	41,299		120,388
2-2	Shuler Coal Co.	Henry	1	26,208	9,603		35,811
2-12	Truax-Traer Coal Co., No. 1	Fulton	3	188,390	132,947		321,337
2-13	Truax-Traer Coal Co., No. 2	Fulton	3	255,347	97,663		353,010
2-14	United Electric Coal Cos., No. 9	Fulton	3	97,703	40,996		138,699
2-15	United Electric Coal Cos., No. 17	Fulton	3	316,681	44,715		361,396
2-14	Valter Coal Co.	Franklin	10		1,029,639		1,029,639
Missouri Pacific				2,610,885	1,300,799		3,911,684
2-2	Beaucoup Coal Co.	Perry	9	14,529	3,176		17,705
2-1	Bell & Zoller Coal & Mining Co., No. 1	Franklin	10	174,798	57,804		232,602
2-2	Bell & Zoller Coal & Mining Co., No. 2	Franklin	10	142,057	45,517		187,574
2-3	Chicago, Wilmington & Franklin Coal Co., No. 1	Franklin	10	145,771	43,886		189,657
2-4	Chicago, Wilmington & Franklin Coal Co., No. 2	Franklin	10	219,151	79,692		298,843
2-5	Conant Coal Co.	Perry	9	5,376	4,606		9,982
2-20	Consolidated Coal Co., Buckhorn	Williamson	12	2,416	38,746		41,162
2-3	Consolidated Coal Co., New Monarch	Williamson	12	53,944	19,098		73,042
2-15	C. & R. Coal Co.	Perry	9	24,751			24,751
2-2	Crain Coal Co.	Randolph	9	1,383	860		2,243
2-8	Cutler Coal Co.	Perry	9	44,795			44,795
2-6	Franklin County Coal Corp., No. 5	Franklin	10	75,361			75,361
2-7	Franklin County Coal Corp., No. 7	Franklin	10	99,236			99,236
2-1	Marvel Coal Co.	Williamson	12	14,483	4,302		18,785
2-11	New Galum Coal Co.	Perry	9	12,277	5,200		17,477
2-15	New Watson Coal Co.	Williamson	12	238			238
2-8	Old Ben Coal Corp., No. 8	Franklin	10	91,601	8,019		99,620
2-10	Old Ben Coal Corp., No. 14	Franklin	10	73,670	69,189		142,859
2-11	Old Ben Coal Corp., No. 15	Franklin	10	52,795	1,304		54,099
2-4	Pinckneyville Mining Co., No. 5	Perry	9	9,417	1,960		11,377
2-3	H. E. Presswood Coal Co.	Perry	9	50			50
2-13	Pyramid Coal Corp.	Perry	9	239,276	386,233		625,509
2-6	St. Louis Coal Co.	Randolph	9	12,351	8,280		20,631
2-17	Seymour Coal Mining Co.	Williamson	12	89,602	31,251		120,853
2-7	Southwestern Illinois Coal Corp.	Randolph	9	291,202	111,320		402,522
2-1	Truax-Traer Coal Co., No. 2	Jackson	9	110,401	61,873		172,274
2-14	United Electric Coal Cos., No. 11	Perry	9	506,774	227,800		734,574
2-19	Wallace Coal Co.	Williamson	12	91,123	90,683		181,806
2-15	Whip-Poor-Will Coal Co.	Perry	9	12,057			12,057
Chicago & Illinois Midland				3,437,097	159,537		3,596,634
2-1	Lake Erie Mining Co.	Tazewell	2	95			95
2-3	Panther Creek Mines, Inc., No. 4	Sangamon	4	1,302			1,302
2-4	Panther Creek Mines, Inc., No. 5	Sangamon	4	1,528			1,528
2-2	Peabody Coal Co., No. 7	Christian	4	874,930	42,685		917,615
2-3	Peabody Coal Co., No. 8	Christian	4	883,867	62,622		946,489
2-4	Peabody Coal Co., No. 9	Christian	4	900,722	54,230		954,952
2-5	Peabody Coal Co., No. 53	Sangamon	4	110,272			110,272
2-6	Peabody Coal Co., No. 57	Sangamon	4	116,303			116,303
2-5	Peabody Coal Co., No. 58	Christian	4	548,078			548,078

TABLE 20—Continued.

Mine index number.	Railroad and mines served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Cleveland, Cincinnati, Chicago & St. Louis			2, 359, 754	698, 350		3, 058, 104
g-16	Bankston Creek Collieries Co., No. 5	Saline	11	129, 639	6, 444		136, 083
g-17	Bankston Creek Collieries Co., No. 6	Saline	11	438, 547	265, 006		703, 553
g-23	Blue Bird Coal Co., No. 6	Saline	11	166, 692	43, 228		209, 920
g-24	Hillsboro Mining Co.	Montgomery	6	17, 404	4, 561		21, 665
g-25	Indiana & Illinois Coal Corp., No. 10	Montgomery	6	106, 820	36, 903		143, 723
g-28	Lake Erie Mining Co.	Tazewell	2	513			513
g-23	Livingston-Mt. Olive Coal Co.	Madison	7	2, 697	520		3, 217
g-23	Nokomis Coal Co.	Montgomery	6	169, 597	66, 228		235, 825
g-21	Pana Coal Co.	Christian	4	84			84
g-22	Peabody Coal Co., No. 24	Vermilion	5	139, 629	106, 787		246, 416
g-24	Peabody Coal Co., No. 43	Saline	11	136, 034	83, 232		219, 266
g-25	Peabody Coal Co., No. 47	Saline	11	375, 077	63, 064		438, 141
g-26	Penwell Coal Mining Co.	Christian	4	36			36
g-26	Rex Coal Co., No. 2	Saline	11	91, 404			91, 404
g-27	Sahara Coal Co., No. 1	Saline	11	181, 569	7, 591		189, 160
g-29	Sahara Coal Co., No. 10	Saline	11	101, 566	14, 262		115, 828
g-10	Sahara Coal Co., No. 12	Saline	11	21, 181	524		21, 705
g-2	Ubben Coal Co.	Tazewell	2	1, 643			1, 643
g-11	Wasson Coal Co. "A"	Saline	11	60, 368			60, 368
g-12	Wasson Coal Co., No. 1	Saline	11	219, 300			219, 300
g-1	White County Coal Co.	White	11	254			254
	Chicago & Northwestern			141, 100	2, 195, 449		2, 336, 549
g-1	Lake Erie Mining Co.	Tazewell	2	137			137
g-1	Midland Electric Coal Co., No. 2	Fulton	3	139, 738	83, 397		223, 135
g-6	Mt. Olive & Staunton Coal Co., No. 2	Madison	7		8, 378		8, 378
g-1	Spring Valley Coal Mining Co.	Bureau	1	1, 225			1, 225
g-6	Superior Coal Co., No. 1	Macoupin	6		384, 472		384, 472
g-7	Superior Coal Co., No. 2	Macoupin	6		544, 344		544, 344
g-8	Superior Coal Co., No. 3	Macoupin	6		628, 998		628, 998
g-9	Superior Coal Co., No. 4	Macoupin	6		542, 053		542, 053
g-14	United Electric Coal Cos., No. 9	Fulton	3		2, 433		2, 433
g-18	United Electric Coal Cos., No. 17	Fulton	3		1, 374		1, 374
	Chicago, Rock Island & Pacific			477, 725	956, 025		1, 433, 750
g-1	Buffalo Rock Coal Co.	LaSalle	1	7, 585	347		7, 932
g-2	Central State Collieries	Fulton	3		1, 131		1, 131
g-1	Crescent Mining Co., No. 1	Peoria	2		458, 813		458, 813
g-2	Crescent Mining Co., No. 6	Peoria	2		360, 129		360, 129
g-1	Lake Erie Mining Co.	Tazewell	2	220			220
g-1	Midland Electric Coal Corp., No. 1	Henry	1	379, 908	134, 066		513, 974
g-6	Mt. Olive & Staunton Coal Co., No. 2	Madison	7		691		691
g-5	Osage Coal Co.	LaSalle	1	14, 756	416		15, 172
g-2	Peru Deep Vein Coal Co., No. 3	LaSalle	1	17, 310			17, 310
g-7	Southwestern Illinois Coal Corp.	Randolph	9		432		432
g-1	Spring Valley Coal Mining Co.	Bureau	1	378			378
g-3	Union Coal Co.	LaSalle	1	45, 109			45, 109
g-4	Wilmington Coal Mines, Inc.	LaSalle	1	12, 459			12, 459
	Wabash			526, 408	671, 154		1, 197, 562
g-9	Brewerton Co., The, No. 81	Sangamon	4	61, 896			61, 896
g-1	Consolidated Coal Co., No. 7	Macoupin	6	69, 105	211, 250		280, 355
g-2	Consolidated Coal Co., No. 15	Macoupin	6	87, 251	131, 980		219, 231
g-6	Mt. Olive & Staunton Coal Co., No. 2	Madison	7		74, 541		74, 541
g-3	Panther Creek Mines, Inc., No. 4	Sangamon	4	32, 365	25, 570		57, 935
g-4	Panther Creek Mines, Inc., No. 5	Sangamon	4	36, 746	13, 193		49, 939
g-2	Peabody Coal Co., No. 24	Vermilion	5	63, 397	37, 418		100, 815
g-5	Peabody Coal Co., No. 53	Sangamon	4	83, 427	104, 653		188, 080
g-6	Peabody Coal Co., No. 57	Sangamon	4	9, 929			9, 929
g-5	Peabody Coal Co., No. 58	Christian	4	75, 248	61, 262		136, 510
g-4	Tilton Mining Co.	Vermilion	5	7, 044	11, 287		18, 331

TABLE 20—Continued.

Mine index number.	Railroad and mines served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Chicago & Alton .....			508,705	173,841		682,546
S-1	Lake Erie Mining Co. ....	Tazewell	2	206			206
S-10	Lincoln Liquidating Co. ....	Macoupin	6	4,920	70,237		75,157
S-1	Northern Illinois Coal Corp., No. 10.	Will	1	398,388	34,667		433,055
S-3	Panther Creek Mines, Inc., No. 4	Sangamon	4	43,201	16,303		59,504
S-3	Panther Creek Mines, Inc., No. 5.	Sangamon	4	54,905	40,688		95,593
S-5	Peabody Coal Co., No. 53.	Sangamon	4	7,085	2,625		9,710
S-6	St. Louis Coal Co. ....	Randolph	9		9,321		9,321
	Elgin, Joliet & Eastern .....			335,175	248,483	2,865	586,523
S-1	United States Fuel Co., Bun .....	Vermilion	5	335,175	248,483	2,865	586,523
	Minneapolis & St. Louis .....			281,626	189,358		470,984
S-2	Central State Collieries .....	Fulton	3		5,481		5,481
S-3	Dorthel Coal Co., No. 1.	Peoria	2	2,294	6,335		8,629
S-5	Madison Rule Coal Co. ....	Fulton	3		20,784		20,784
S-7	Midland Electric Coal Corp., No. 2.	Fulton	2	279,332	139,534		418,866
S-10	Pschirrer & Sons Coal Co., No. 3	Fulton	3		157		157
S-14	United Electric Coal Cos., No. 11	Perry	9		1,322		1,322
S-18	United Electric Coal Cos., No. 13	St. Clair	8		15,745		15,745
	Atchison, Topeka & Sante Fe .....			409,278	296,344		705,622
S-2	Central State Collieries .....	Fulton	3		12,924		12,924
S-2	Little John Coal Co. ....	Knox	3		77,671		77,671
S-1	Northern Illinois Coal Corp., No. 10.	Will	1	408,810	205,749		614,559
S-1	Roanoke Coal & Tile Co. ....	Woodford	2	262			262
S-2	W. G. Sutton .....	Woodford	2	206			206
	Illinois Terminal Co. ....			435,518	155,883		591,401
S-2	Chicopee Coal Co. ....	Madison	7	300			300
S-3	Gillespie Coal Co. ....	Macoupin	6	59,262	144,772		204,034
S-5	Madison County Coal & Mining Co.	Madison	7	191,106			191,106
S-3	F. C. Morgan Coal Co. ....	Vermilion	5	20,654			20,654
S-3	Panther Creek Mines, Inc., No. 4.	Sangamon	4	3,439			3,439
S-4	Panther Creek Mines, Inc., No. 5.	Sangamon	4	2,460			2,460
S-5	Peabody Coal Co., No. 53.	Sangamon	4	4,942			4,942
S-6	Peabody Coal Co., No. 57.	Sangamon	4	80,740			80,740
S-10	Perry Coal Co., St. Ellen	St. Clair	8	51,470	11,111		62,581
S-11	Prairie Coal Co. ....	St. Clair	8	16,975			16,975
S-6	Skelton Coal Co. ....	Vermilion	5	2,249			2,249
S-5	South Mine Co. ....	Macoupin	6	1,921			1,921
	Chicago & Eastern Illinois .....			256,978	96,690		353,688
S-3	Chicago, Wilmington & Franklin Coal Co., No. 1.	Franklin	10	24,422	8,157		32,599
S-4	Chicago, Wilmington & Franklin Coal Co., No. 2.	Franklin	10	43,663	19,815		63,478
S-2	Indiana & Illinois Coal Corp., No. 10.	Montgomery	6	20,470	8,362		28,832
S-3	Livingston-Mt. Olive Coal Co.	Madison	7	3,517			3,517
S-3	Nokomis Coal Co. ....	Montgomery	6	66,363	29,195		95,558
S-8	Old Ben Coal Corp., No. 8.	Franklin	10	10,505	3,060		13,565
S-11	Old Ben Coal Corp., No. 15.	Franklin	10	11,225	1,082		12,307
S-12	Peabody Coal Co., No. 18.	Franklin	10	41,624	26,137		67,761
S-2	Peabody Coal Co., No. 24.	Vermilion	5	35,151	556		35,745
S-14	United Electric Coal Cos., No. 11.	Perry	9		326		326
	Litchfield & Madison .....			253,609	7,294		260,903
S-1	Consolidated Coal Co., No. 7.	Macoupin	6	968			968
S-6	Mt. Olive & Staunton Coal Co., No. 2.	Madison	7	252,641	7,294		259,935



TABLE 20—Continued.

Mine index number.	Railroad and mines served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Chicago Great Western.....				374,002		374,002
S-1	Blakley Coal Co.....	Fulton.....	3		750		750
S-2	Central State Collieries.....	Fulton.....	3		54,276		54,276
S-2	Little John Coal Co.....	Knox.....	3		8,703		8,703
S-6	Mt. Olive & Staunton Coal Co., No. 2.....	Madison.....	7		7,278		7,278
S-10	Pschirrer & Sons Coal Co., No. 3.....	Fulton.....	3		2,000		2,000
S-13	Pyramid Coal Corp.....	Perry.....	9		241,292		241,292
S-6	St. Louis Coal Co.....	Randolph.....	9		629		629
S-14	United Electric Coal Cos., No. 9.....	Fulton.....	3		11,752		11,752
S-18	United Electric Coal Cos., No. 13.....	St. Clair.....	8		3,829		3,829
S-15	United Electric Coal Cos., No. 17.....	Fulton.....	3		43,493		43,493
	Galesburg & Great Eastern.....			402,636	2,548		405,184
S-2	Little John Coal Co.....	Knox.....	3	402,636	2,548		405,184
	Missouri & Illinois.....			8,142	7,771		15,913
S-16	Coulterville Coal Co.....	Perry.....	9	4,910	3,550		8,460
S-3	Ill-Mo Coal Co.....	Randolph.....	9	3,232	4,221		7,453
	Springfield Terminal Railway.....			243,483	29,629	645	273,757
S-7	Peabody Coal Co., No. 59.....	Sangamon.....	4	243,483	29,629	645	273,757
	Pennsylvania.....			138,445	5,732		144,177
S-1	Bullock Mining Co.....	Madison.....	7	1,445			1,445
S-1	Burn Well Coal Co.....	Madison.....	7	1,181			1,181
S-1	Illinois-Pocahontas Coal Co.....	Bond.....	7	26,898	5,732		32,630
S-4	Lumaghi Coal Co., No. 2.....	Madison.....	7	108,921			108,921
	Nickle Plate.....			381			381
S-1	Lake Erie Mining Co.....	Tazewell.....	2	381			381
	St. Louis & O'Fallon.....			137,615	146,286	1,213	285,114
S-13	St. Louis & O'Fallon Coal Co., No. 2.....	St. Clair.....	8	137,615	146,286	1,213	285,114
	Mobile & Ohio.....			164,114	265,553		429,667
S-5	Moffat Coal Co.....	Randolph.....	9	15,187	189,984		205,171
S-7	Southwestern Illinois Coal Corp.....	Randolph.....	9	148,927	75,569		224,496
	Chicago, Springfield & St. Louis.....			43,724	84,861		128,585
S-1	Central Illinois Mining Co. "A".....	Sangamon.....	4	35,266	84,861		120,127
S-3	Panther Creek Mines, Inc., No. 4.....	Sangamon.....	4	3,255			3,255
S-4	Panther Creek Mines, Inc., No. 5.....	Sangamon.....	4	1,185			1,185
S-5	Peabody Coal Co., No. 53.....	Sangamon.....	4	762			762
S-6	Peabody Coal Co., No. 57.....	Sangamon.....	4	3,256			3,256
	Southern.....			54,204	407		54,611
S-16	Southern Coal, Coke & Mining Co., No. 6.....	St. Clair.....	8	6,472			6,472
S-17	Southern Coal, Coke & Mining Co., No. 7.....	St. Clair.....	8	41,363	407		41,770
S-3	Southern Coal, Coke & Mining Co., No. 9.....	Clinton.....	8	6,369			6,369
	Caseyville.....			76,581	47,616		124,197
S-5	Gundlach Coal Co.....	St. Clair.....	8	76,581	47,616		124,197
	Peoria & Eastern.....			126,871	6,468		133,339
S-3	F. C. Morgan Coal Co.....	Vermilion.....	5	126,871	6,468		133,339

TABLE 20—Continued.

Mine index number.	Railroad and mines served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Baltimore & Ohio.....			74, 240	48, 349		122, 589
S-1	Beckemeyer Coal Co.....	Clinton	8	8, 869			8, 869
S-2	Brewerton Co., The, No. 81.....	Sangamon	4	30, 950			30, 950
S-3	Citizens Coal Co.....	Clinton	8	8, 456			8, 456
S-1	Northern Illinois Coal Corp., No. 10.....	Will	1		39, 133		39, 133
S-1	Pana Coal Co.....	Christian	4	612			612
S-3	Panther Creek Mines, Inc., No. 4.....	Sangamon	4	1, 954			1, 954
S-4	Panther Creek Mines, Inc., No. 5.....	Sangamon	4	2, 515			2, 515
S-5	Peabody Coal Co., No. 53.....	Sangamon	4	167			167
S-6	Peabody Coal Co., No. 57.....	Sangamon	4	17, 602	9, 216		26, 818
S-6	Penwell Coal Mining Co.....	Christian	4	1, 051			1, 051
S-1	White County Coal Co.....	White	11	2, 064			2, 064
	Louisville & Nashville.....			5, 352	15, 862	17, 211	38, 425
S-2	Clarkson Coal & Mining Co.....	Washington	9	1, 693	15, 862	17, 211	34, 766
S-21	Mascoutah Coal & Mining Co.....	St. Clair	8	854			854
S-14	Service Coal Co.....	St. Clair	8	155			155
S-14	Service Coal & Mining Co.....	St. Clair	8	150			150
S-10	White Coal Co.....	St. Clair	8	2, 500			2, 500
	Belt Railway.....				39, 425		39, 425
S-2	Central State Collieries.....	Fulton	3		1, 925		1, 925
S-1	Midland Electric Coal Co., No. 1.....	Henry	1		6, 540		6, 540
S-21	Northern Illinois Coal Corp., No. 10.....	Will	1		7, 279		7, 279
S-5	Osage Coal Co.....	LaSalle	1		1, 324		1, 324
S-6	St. Louis Coal Co.....	Randolph	9		3, 274		3, 274
S-4	Tilton Mining Co.....	Vermilion	5		13, 546		13, 546
S-14	United Electric Coal Cos., No. 9.....	Fulton	3		422		422
S-14	United Electric Coal Cos., No. 11.....	Perry	9		586		586
S-18	United Electric Coal Cos., No. 13.....	St. Clair	8		4, 529		4, 529
	Peoria & Pekin Union.....			388	23, 405		23, 793
S-2	Crescent Mining Co., No. 6.....	Peoria	2		1, 168		1, 168
S-1	Lake Erie Mining Co.....	Tazewell	2	388	22, 237		22, 625
	C. M. St. P. & P.....			33, 366	19, 237		52, 603
S-1	Lincoln City Coal Co., Inc.....	Edgar	5	33, 366	19, 205		52, 571
S-7	Midland Electric Coal Co., No. 2.....	Fulton	3		32		32
	Peoria Terminal Co.....			54, 381	3, 515		57, 896
S-1	Crescent Mining Co., No. 1.....	Peoria	2	3, 870	505		4, 375
S-2	Crescent Mining Co., No. 6.....	Peoria	2	50, 511	3, 010		53, 521
	St. Louis & San Francisco.....				2, 588		2, 588
S-7	Southwestern Illinois Coal Corp.....	Randolph	9		2, 588		2, 588
	Terminal Railroad Association.....				4, 433		4, 433
S-16	Coulterville Coal Co.....	Perry	9		450		450
S-6	Mt. Olive & Staunton Coal Co., No. 2.....	Madison	7		1, 715		1, 715
S-7	Southwestern Illinois Coal Corp.....	Randolph	9		1, 109		1, 109
S-14	United Electric Coal Cos., No. 11.....	Perry	9		1, 159		1, 159
	C. W. P. & S.....				2, 893		2, 893
S-2	Central State Collieries.....	Fulton	3		2, 893		2, 893
	Illinois Northern.....				1, 289		1, 289
S-2	Central State Collieries.....	Fulton	3		1, 289		1, 289

TABLE 20—Concluded.

Mine index number.	Railroads and mine served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Toledo, Peoria & Western .....		--	158	9,368		9,526
S-1	Blakley Coal Co. ....	Fulton	3		250		250
S-2	Central State Collieries .....	Fulton	3		8,000		8,000
S-1	Lake Erie Mining Co. ....	Tazewell	2	158			158
S-10	Pschirrer & Sons Coal Co., No. 3 .....	Fulton	3		1,062		1,062
S-14	United Electric Coal Cos., No. 9 .....	Fulton	3		56		56
	Alton & Southern .....		--		10,498		10,498
S-8	Marissa Coal Co. ....	St. Clair	8		323		323
S-6	Mt. Olive & Staunton Coal Co., No. 2 .....	Madison	7		2,368		2,368
S-7	Mulberry Hill Coal Co. ....	St. Clair	8		216		216
S-6	St. Louis Coal Co. ....	Randolph	9		3,901		3,901
S-7	Southwestern Illinois Coal Corp. ....	Randolph	9		2,146		2,146
S-16	United Electric Coal Cos., No. 11 .....	Perry	9		1,544		1,544
	St. Louis-Southwestern .....		--		1,613		1,613
S-1	Marvel Coal Co. ....	Williamson	12		1,613		1,613
	B. M. & N. W. ....		--		599		599
S-7	Midland Electric Coal Co., No. 2 .....	Fulton	3		599		599
	C. M. St. P. M. & O. ....		--		35		35
S-7	Midland Electric Coal Co., No. 2 .....	Fulton	3		35		35
	I. H. B. ....		--		9,953		9,953
S-7	Midland Electric Coal Corp., No. 2 ....	Fulton	3		9,953		9,953
	Minn. Transfer .....		--		4,672		4,672
S-7	Midland Electric Coal Corp., No. 2 .....	Fulton	3		4,672		4,672
	Soo Line .....		--		258		258
S-7	Southwestern Illinois Coal Corp. ....	Randolph	9		258		258
	W. C. F. & N. ....		--		751		751
S-7	Southwestern Illinois Coal Corp. ....	Randolph	9		109		109
S-14	United Electric Coal Cos., No. 11 .....	Perry	11		642		642
	R. I. & S. ....		--		54		54
S-14	United Electric Coal Cos., No. 9 .....	Fulton	3		54		54
	Tri-City Railroad .....		--		155		155
S-2	Central State Collieries .....	Fulton	3		155		155
	Lake Erie & Western .....		--	36			36
S-1	Lake Erie Mining Co. ....	Tazewell	2	36			36
	Off Line .....		--		23,116		23,116
S-2	Indiana & Illinois Coal Corp., No. 10 .....	Montgomery	6		23,116		23,116
	The State .....		--	21,814,191	11,584,685	77,468	33,476,344

TABLE 21.—RAILROADS HANDLING THE COAL OF SHIPPING MINES.

Railroads.	Number of—		Total tons handled by railroads.	Tons shipped.	Tons sold to railroads.	Tons supplied to locomotives.	Per cent handled by each railroad.
	County	Mines.					
The State .....	29	149	33, 476, 344	21, 814, 191	11, 584, 685	77, 468	100. 0
Illinois Central .....	16	54	6, 273, 303	4, 894, 513	1, 323, 256	55, 534	18. 7
Chicago, Burlington & Quincy .....	8	31	5, 240, 984	3, 321, 703	1, 919, 281	.....	15. 6
Missouri Pacific .....	5	29	3, 911, 684	2, 610, 885	1, 300, 799	.....	11. 7
Chicago & Illinois Midland .....	5	9	3, 596, 634	3, 437, 097	159, 537	.....	10. 7
Cleveland, Cincinnati, Chicago & St. Louis .....	7	21	3, 058, 104	2, 359, 754	698, 350	.....	9. 1
Chicago & Northwestern .....	5	10	2, 336, 549	141, 100	2, 195, 449	.....	7. 0
Chicago, Rock Island & Pacific .....	8	13	1, 433, 750	477, 725	956, 025	.....	4. 3
Wabash .....	5	11	1, 197, 562	526, 408	671, 154	.....	3. 6
Atchison, Topeka & Sante Fe .....	4	5	705, 622	409, 278	296, 344	.....	2. 1
Chicago & Alton .....	5	7	682, 546	508, 705	173, 841	.....	2. 0
Illinois Terminal Co. ....	5	12	591, 401	435, 518	155, 883	.....	1. 8
Elgin, Joliet & Eastern .....	1	1	586, 523	335, 175	248, 483	2, 865	1. 6
Minneapolis & St. Louis .....	4	7	470, 984	281, 626	189, 358	.....	1. 4
Mobile & Ohio .....	1	2	429, 667	164, 114	265, 553	.....	1. 3
Galesburg & Great Eastern .....	1	1	405, 184	402, 636	2, 548	.....	1. 2
Chicago Great Western .....	6	10	374, 002	.....	374, 002	.....	1. 1
Chicago & Eastern Illinois .....	4	10	353, 688	256, 978	96, 690	.....	. 9
St. Louis & O'Fallon .....	1	1	285, 114	137, 615	146, 286	1, 213	. 8
Springfield Terminal Co. ....	1	1	273, 757	243, 483	29, 629	645	. 8
Litchfield & Madison .....	2	2	260, 903	253, 609	7, 294	.....	. 8
Pennsylvania .....	2	4	144, 177	138, 445	5, 732	.....	. 4
Peoria & Eastern .....	1	1	133, 339	126, 871	6, 468	.....	. 4
Chicago, Springfield & St. Louis .....	1	5	128, 585	43, 724	84, 861	.....	. 4
Caseyville .....	1	1	124, 197	76, 581	47, 616	.....	. 4
Baltimore & Ohio .....	5	11	122, 589	74, 240	48, 349	.....	. 4
Peoria Terminal Co. ....	1	2	57, 896	54, 381	3, 515	.....	. 2
Southern .....	2	3	54, 611	54, 204	407	.....	. 1
C. M. St. P. & P. ....	2	2	52, 603	33, 366	19, 237	.....	. 1
Belt Railway .....	8	9	39, 425	.....	39, 425	.....	. 1
Louisville & Nashville .....	2	4	38, 425	5, 352	15, 862	17, 211	. 1
Peoria & Pekin Union .....	2	2	23, 793	388	23, 405	.....	. 1
Off Line .....	1	1	23, 116	.....	23, 116	.....	. 1
Missouri & Illinois .....	2	2	15, 913	8, 142	7, 771	.....	. 1
Alton & Southern .....	4	6	10, 498	.....	10, 498	.....	. 1
I. H. B. ....	1	1	9, 953	.....	9, 953	.....	. 1
Toledo, Peoria & Western .....	2	5	9, 526	158	9, 368	.....	. 1
Minn. Transfer .....	1	1	4, 672	.....	4, 672	.....	. 1
Terminal Railroad Assn. ....	3	4	4, 433	.....	4, 433	.....	. 1
C. W. P. & S. ....	1	1	2, 893	.....	2, 893	.....	. 1
St. Louis & San Francisco .....	1	1	2, 588	.....	2, 588	.....	. 1
St. Louis-Southwestern .....	1	1	1, 613	.....	1, 613	.....	.....
Illinois Northern .....	1	1	1, 289	.....	1, 289	.....	.....
W. C. F. & N. ....	2	2	751	.....	751	.....	.....
B. M. & N. W. ....	1	1	599	.....	599	.....	.....
Nickle Plate .....	1	1	381	381	.....	.....	.....
Soo Line .....	1	1	258	.....	258	.....	.....
Tri-City .....	1	1	155	.....	155	.....	.....
R. I. & S. ....	1	1	54	.....	54	.....	.....
Lake Erie & Western .....	1	1	36	36	.....	.....	.....
C. M. St. P. M. & O. ....	1	1	35	.....	35	.....	.....

## SPECIAL PREPARATION PLANTS.

Name of operator.	Address.	Type and make of machine.	<sup>1</sup> Tonnage prepared.
Bankston Creek Collieries Co. No. 6.....	Carrier Mills.....	McNally-Norton Washer.....	11,002, 503
Bell & Zoller Coal & Mining Co. No. 1.....	Zeigler.....	Chance Flootation Process.....	933, 474
Bell & Zoller Coal & Mining Co. No. 2.....	Zeigler.....	Chance Flootation Process.....	758, 459
Blakley Coal Company.....	Canton.....	Viking Hot Oil treating plant.....	
Blue Bird Coal Company, No. 6.....	Carrier Mills.....	Deduster.....	
Central Illinois Coal Mining Co. "A".....	Springfield.....	Vapor Oil Spray.....	
Central States Collieries, Inc. ....	St. David.....	Norton Washer.....	180 tons per hour.
Chicago, Wilmington & Franklin Coal Co. No. 1.....	Orient.....	Deduster.....	
Chicago, Wilmington & Franklin Coal Co. No. 2.....	West Frankfort.....	Deduster.....	
Consolidated Coal Co. No. 7.....	Staunton.....	Jig Type Washer.....	244, 327
Consolidated Coal Co., No. 15.....	Mt. Olive.....	Chemically treated, oiled and sprayed 50% Deduster.....	
Consolidated Coal Co. "Buckhorn".....	Herrin.....	Rescreen everything 3' and under.....	
Consolidated Coal Co., "New Monarch" No. 7.....	Herrin.....	Link-Belt (Simon Carves) Wet Washer.....	233, 453
Delta Coal Mining Company.....	Marion.....	Screenings dedusted by 3' x 8' Norberg Deduster.....	
Forsyth-Carterville Coal Company.....	Carterville.....	Deduster.....	
Franklin County Coal Corp. No. 5.....	Herrin.....	Wet Washer, Koppers Company, 300 tons per hour, 3' x 0 coal.....	
Franklin County Coal Corp. No. 7.....	Royalton.....	Vibrating screen deduster.....	
Freeman Coal Mining Company.....	Herrin.....	Jeffrey Baum Jig.....	499, 309
Little John Coal Co. No. 5.....	Victoria.....	Jeffrey Diaphragm Jig water washer for 3 1/2' minus.....	211, 155
Lumaghi Coal Company, No. 2.....	Collinsville.....	Menzie Hydro.....	53, 933
Marion County Coal Co. ....	Centralia.....	Montgomery multipluse wash boxes for minus 3' coal; Koppers Rheo launder for minus 3/16" coal.....	
Midland Electric Coal Corp. No. 1.....	Atkinson.....	Link-Belt Simon Carves wash boxes for minus 4' coal; Koppers Rheo launder for minus 1/16" x 1/32" coal; Bixby Drier for minus 1/2" coal.....	
Midland Electric Coal Corp. No. 2.....	Farmington.....	Link-Belt Simon Carves wash boxes for minus 4' coal; Koppers Rheo launder for minus 1/16" x 1/32" coal; Bixby Drier for minus 1/2" coal.....	
Moffat Coal Co. ....	Sparta.....	Link-Belt Simon Carves Jeffrey Washer.....	200 tons per hour.
F. C. Morgan Coal Company.....	Millstadt.....	Deduster and oil treating.....	60 tons per hour.
McLaren Coal Company No. 1.....	Carterville.....	Koppers Rheo laueur washers.....	915, 727
Northern Illinois Coal Corp. No. 10.....	Wilmington.....	Automatic chloride washers.....	119, 008
Old Ben Coal Corp. No. 8.....	West Frankfort.....	Automatic chloride washers.....	160, 878
Old Ben Coal Corp. No. 11.....	Coello.....	Automatic chloride washers.....	180, 941
Old Ben Coal Corp. No. 14.....	Buckner.....	Automatic chloride washers.....	156, 965
Old Ben Coal Corp. No. 15.....	West Frankfort.....	Automatic chloride washers.....	8, 892 screening
Osage Coal Co. No. 1.....	Ottawa.....	Washer.....	270, 065
Peabody Coal Co. No. 14.....	DuQuoin.....	Norton-McNally washer.....	360, 103
Peabody Coal Co. No. 18.....	West Frankfort.....	Preparation plant and deduster.....	2 455, 320
Peabody Coal Co. No. 47.....	Harco.....	Jeffrey Type FB2 Vibrator screen No. 1, No. 2, R. & H. Dustalators.....	
Peabody Coal Co. No. 53.....	Springfield.....		

## SPECIAL PREPARATION PLANTS—Concluded.

Name of operator.	Address.	Type and make of machine.	Tonnage prepared.
Perry Coal Co., "St. Ellen"-----	O'Fallon-----	Jeffrey Baum Jig washing 4' x 0 and dried through Howe Centrifical Drier-----	158,937
Pschirrer & Sons Coal Co. No. 3-----	Canton-----	Waxing plant for dedusting-----	70,939
Rex Coal Co. No. 2-----	Eldorado-----	Deduster-----	400 tons daily.
St. Louis Coal Co.-----	Coulterville-----	Washer and oil treating plant-----	
Seymour Coal Mining Company-----	Herrin-----	Vibrating screen deduster-----	
Southern Coal, Coke & Mining Co., "Little Oak"-----	Belleville-----	Hydro Flootation-----	13,059
Southern Coal, Coke & Mining Co.-----	E. St. Louis-----	Hydro Flootation-----	40,086
Southwestern Illinois Coal Corp.-----	Percy-----	Norton washers for all coal less than 6'-----	
Truax-Traer Coal Co. No. 2-----	Fiatt-----	McNally-Pittsburg wet washer and drier; 6' to 0 washed; 3/4' to 0 dried-----	
Truax-Traer Coal Co. No. 2-----	Elkville-----	Rescreening plant-----	
Union Colliery Co.-----	Dowell-----	Air cleaning plant-----	15,731
United Electric Coal Co. No. 11-----	DuQuoin-----	Koppers Rheolaveur Washer-----	3 719,751
United Electric Coal Co. No. 17-----	Canton-----	Koppers Rheolaveur washer-----	295,578
White Coal Company-----	Belleville-----	Washer-----	10,710

<sup>1</sup> Tonnage includes 68,036 tons washed for Sahara Coal Co., No. 1, Harrisburg; 65,481 tons washed for Sahara Coal Co., No. 10, Eldorado; 5,006 tons washed for Sahara Coal Co., No. 12, Harrisburg; 144,251 tons washed for Bankston Creek Collieries Co., No. 5, Carrier Mills.

<sup>2</sup> Also prepared coal from Peabody Coal Co., No. 43 located at Harrisburg.

<sup>3</sup> 29,308 tons processed for United Electric Coal Co., No. 13, Freeburg.

TABLE 22—METHODS OF MINING—NUMBER OF MINES, MACHINES AND TONS BY EACH METHOD—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Machine exclusively.			Hand exclusively.		Hand and machine.			Strip mines.	
	Mines.	Machines.	Tons.	Mines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
First-----	2	6	176,454	2	111,242	-----	-----	-----	5	1,914,740
Second-----	56	1,023,609	-----	2	56,168	-----	-----	-----	7	2,989,522
Third-----	12	169,919	-----	-----	-----	-----	-----	-----	-----	-----
Fourth-----	49	4,678,555	-----	3	565,951	2	2	119,425	-----	-----
Fifth-----	64	1,172,688	-----	-----	-----	2	4	54,882	2	207,203
Sixth-----	13	68	3,927,286	-----	-----	-----	-----	-----	-----	-----
Seventh-----	9	68	1,294,683	-----	-----	-----	-----	-----	-----	-----
Eighth-----	9	46	1,061,509	9	441,369	-----	-----	-----	1	231,155
Ninth-----	9	73	1,815,221	7	111,184	3	3	55,710	5	3,488,428
Tenth-----	12	196	7,873,999	-----	-----	-----	-----	-----	-----	-----
Eleventh-----	10	157	2,158,424	-----	-----	1	15	236,704	1	719,729
Twelfth-----	7	39	1,274,165	2	4,713	-----	-----	-----	4	508,222
Total-----	91	834	26,626,512	25	1,290,627	8	24	466,721	25	10,058,999
Local mines-----	70	121	1,332,676	648	1,543,563	30	41	448,370	72	619,900
The State-----	161	955	27,959,188	673	2,834,190	38	65	915,091	97	10,678,899

TABLE 23—UNDERGROUND HAULAGE IN SHIPPING MINES—BY DISTRICTS.

District.	Motors only.			Mules only.			Motors and mules.			
	Number of—			Number of—			Number of—			
	Mines.	Motors.	Tons hauled.	Mines.	Mules.	Tons hauled.	Mines.	Motors.	Mules.	Tons hauled.
First.....	—	—	—	2	66	111, 242	2	3	51	176, 454
Second.....	1	3	48, 898	—	—	—	6	20	134	1, 030, 879
Third.....	—	—	—	1	6	25, 872	3	7	25	144, 407
Fourth.....	4	113	3, 576, 777	—	—	—	9	35	224	1, 789, 214
Fifth.....	1	26	605, 203	2	7	54, 882	2	40	28	567, 485
Sixth.....	8	171	3, 417, 661	1	4	18, 203	4	8	35	491, 422
Seventh.....	3	15	284, 411	1	7	33, 751	5	39	67	976, 521
Eighth.....	3	34	673, 726	—	—	—	15	32	102	829, 212
Ninth.....	2	49	953, 745	9	28	148, 439	8	49	57	879, 911
Tenth.....	11	391	7, 411, 063	—	—	—	1	7	44	462, 976
Eleventh.....	7	104	1, 863, 611	—	—	—	4	53	98	531, 537
Twelfth.....	3	36	573, 851	1	1	2, 553	4	16	19	700, 314
Total.....	43	942	19, 408, 946	17	119	394, 942	63	309	884	8, 579, 972

TABLE 24—NUMBER OF MINES OPERATED AND TOTAL TONS MINED; STRIP MINES AND OUTPUT; NUMBER OF MINES USING MACHINES, NUMBER USED AND TONNAGE UNDERCUT; NUMBER OF MINES USING MOTORS FOR UNDERGROUND HAULAGE, NUMBER OF MOTORS USED AND TONS HAULED; ALSO THE PERCENTAGE OF EACH CLASS—SHIPPING MINES—BY YEARS 1907-1938.

Year.	Mines operated.	Total tons mined.	Mined in strip mines.				Machine mining.				Motor hauling.					
			Number of—		Per cent of—		Number of—		Per cent of—		Number of—		Per cent of—			
			Mines	Tons mined.	Mines	Tons mined.	Mines using.	Machines used.	Tons undercut.	Mines using.	Tons undercut.	Mines using.	Motors used.	Tons hauled.	Mines using.	Tons hauled.
1907	411	46, 436, 839	—	—	—	—	101	1, 105	14, 490, 454	24.6	31.2	75	129	16, 542, 575	18.3	35.6
1908	407	47, 809, 730	—	—	—	—	105	1, 160	15, 210, 443	25.7	31.8	88	185	19, 024, 665	21.6	39.8
1909	384	47, 958, 562	—	—	—	—	107	1, 246	16, 407, 692	27.9	34.2	96	210	21, 892, 462	25.0	45.6
1910	390	47, 225, 201	—	—	—	—	114	1, 289	18, 176, 254	29.2	38.5	106	229	23, 204, 480	27.2	49.1
1911	387	48, 758, 657	1	45, 153	.3	.1	126	1, 430	19, 998, 259	32.6	41.0	137	316	29, 310, 173	35.5	60.2
1912	380	56, 096, 695	5	53, 762	1.3	.1	129	1, 581	25, 550, 059	34.4	45.5	165	381	37, 958, 050	44.0	67.7
1913	371	60, 515, 416	4	117, 790	1.1	.2	140	1, 689	30, 228, 520	38.1	50.0	185	466	46, 194, 737	50.4	76.5
1914	340	59, 379, 182	4	181, 520	1.2	.3	141	1, 828	31, 446, 823	41.2	53.1	191	540	47, 485, 729	56.8	80.2
1915	280	56, 172, 556	2	195, 486	.7	.3	131	1, 686	34, 057, 426	47.1	60.8	173	604	47, 239, 554	62.2	84.4
1916	284	62, 283, 236	3	344, 372	1.1	.6	139	1, 817	39, 312, 376	49.9	63.5	176	648	53, 140, 005	62.6	85.8
1917	324	77, 412, 054	5	419, 475	1.5	.6	151	1, 920	47, 232, 880	47.3	61.3	200	774	67, 196, 786	62.7	87.3
1918	370	88, 306, 228	4	498, 347	1.1	.6	174	2, 054	50, 027, 491	47.5	57.0	240	960	77, 662, 619	65.6	88.4
1919	373	73, 751, 721	3	393, 894	.8	.5	199	2, 124	42, 993, 172	53.8	58.6	259	1, 144	66, 686, 930	70.0	90.9
1920	373	72, 409, 610	3	367, 009	.8	.5	208	2, 330	45, 130, 629	56.2	62.6	276	1, 228	66, 441, 191	74.6	92.2
1921	389	78, 339, 082	3	437, 006	.8	.6	235	2, 760	50, 243, 470	60.9	64.5	280	1, 360	92, 185, 121	82.3	96.1
1922	352	61, 406, 093	5	533, 923	1.4	.9	205	2, 762	41, 168, 621	59.1	69.3	242	1, 364	55, 028, 080	70.0	90.4
1923	374	73, 410, 837	6	895, 608	1.6	1.2	241	3, 049	51, 057, 868	65.5	70.4	285	1, 547	70, 863, 815	77.4	97.7
1924	329	70, 324, 363	11	1, 184, 288	3.3	1.7	215	3, 033	50, 064, 304	67.6	72.5	259	1, 565	65, 090, 698	82.7	95.3
1925	255	100, 012, 299	18	4, 722, 511	6.6	5.1	149	2, 259	50, 736, 684	65.4	77.8	182	1, 288	61, 486, 775	80.0	95.5
1926	244	67, 836, 441	16	3, 482, 611	6.2	6.1	151	2, 397	32, 681, 281	66.8	77.5	180	1, 250	40, 144, 446	80.0	95.2
1927	241	44, 926, 433	15	2, 756, 410	6.2	6.1	151	2, 397	32, 681, 281	66.8	77.5	180	1, 250	40, 144, 446	80.0	95.2
1928	206	54, 284, 184	14	1, 113, 908	6.8	7.6	139	2, 158	41, 499, 267	72.4	82.7	158	1, 182	49, 007, 549	82.3	97.7
1929	200	59, 075, 995	17	5, 250, 501	8.5	8.9	139	2, 158	41, 499, 267	72.4	82.7	158	1, 182	49, 007, 549	82.3	97.7
1930	185	51, 996, 608	15	6, 220, 336	8.1	12.0	129	1, 606	40, 015, 407	75.9	87.2	133	1, 201	41, 181, 378	78.2	87.2
1931	167	43, 073, 058	16	6, 548, 798	9.6	15.2	111	1, 385	32, 587, 944	73.5	89.5	123	1, 205	35, 459, 159	81.4	89.1
1932	162	31, 402, 399	17	6, 628, 228	10.5	21.1	102	1, 144	22, 165, 199	70.3	89.5	124	1, 117	24, 357, 088	85.5	98.3
1933	159	35, 390, 677	20	5, 599, 006	12.6	15.8	94	1, 014	26, 972, 132	67.6	90.0	117	1, 044	29, 459, 870	84.2	98.9
1934	172	38, 655, 527	26	6, 008, 218	15.1	15.5	101	1, 042	29, 395, 102	58.7	90.0	124	1, 156	32, 378, 082	72.1	83.8
1935	182	41, 410, 414	28	7, 481, 349	15.4	18.1	103	1, 011	30, 857, 109	66.9	90.0	122	1, 137	33, 686, 091	79.2	98.3
1936	176	47, 285, 587	30	8, 773, 229	17.0	18.8	108	1, 062	35, 827, 656	74.0	93.3	123	1, 240	37, 950, 347	84.4	98.8
1937	168	48, 062, 076	30	11, 176, 074	17.8	23.3	103	927	34, 031, 392	61.3	92.3	116	1, 288	36, 341, 172	84.1	98.5
1938	149	38, 442, 859	25	10, 058, 999	16.8	26.2	99	858	26, 939, 302	66.4	94.9	106	1, 251	27, 988, 918	85.5	98.6

\* From July 1, 1924 to December 31, 1925.

TABLE 25—EXPLOSIVES USED IN STRIP MINES—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Tons mined by use of explosives.	Explosives used.				Tons mined where no explosives were used.	Total tons in strip mines.
		Powder—kegs.	Permissible—pounds.	Pellet powder—pounds.	Dynamite—pounds.		
First .....	1,914,740		65,374	39,200	99,600		1,914,740
Second .....							
Third .....	1,818,799	867	165,475	69,050	18,040	1,170,723	2,989,522
Fourth .....							
Fifth .....	207,203		9,000	2,950	7,700		207,203
Sixth .....							
Seventh .....							
Eighth .....	231,155			32,150	8,550		231,155
Ninth .....	3,488,428		38,100	230,700	22,000		3,488,428
Tenth .....							
Eleventh .....	719,729				573,567		719,729
Twelfth .....	508,222	200	10,000	25,450	600		508,222
Total .....	8,888,276	1,067	287,949	399,500	730,057	1,170,723	10,058,999
Local mines .....	467,798	293	2,000	28,985	33,090	152,102	619,900
The State .....	9,356,074	1,360	289,949	428,485	763,147	1,322,825	10,678,899

TABLE 26—EXPLOSIVES USED IN LOCAL MINES—BY DISTRICTS.

District.	Kind of explosive.				Tons mined by—			Total tons.
	Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.	Machine.	Hand.	Strip.	
First .....	9,081	64,900	4,115		87,784	177,252	178,617	443,653
Second .....	9,793	80,646	375		335,327	126,448	4,767	466,542
Third .....	17,437	76,200	2,800	2,000	240,442	247,641	74,683	562,766
Fourth .....	14,214	79,725			136,378	259,094		395,472
Fifth .....	6,932	29,450	60	23,450	223,999	113,064	19,540	356,603
Sixth .....	957		25		4,841	25,127	237	30,205
Seventh .....	2,307	19,025			322,678	15,323		338,001
Eighth .....	13,979	23,960	26,300		100,025	323,913	245,203	669,141
Ninth .....	2,661	25,222			75,925	55,954	68,060	199,939
Tenth .....				4,000		1,181	354	1,535
Eleventh .....	1,328	34,582	25		66,540	36,797	5,061	108,398
Twelfth .....	6,462	101,857			201,472	147,404	23,378	372,254
Total .....	85,151	535,567	33,700	29,450	1,795,411	1,529,198	619,900	3,944,509



TABLE 27—SHIPPING MINES USING MECHANICAL LOADING DEVICES.

Number.	Name of Operator.	District.	Loading machines.			Pit car loaders and conveyors.			Hand Loading.			
			Total tonnage produced.	Number in use.	Machine Shifts used.	Tonnage loaded.	Number in use.	Machine Shifts used.	Tonnage loaded.	Men employed.	Days worked.	Tonnage loaded.
1	Bankston Creek Colliery Co., No. 5.	11	144, 251	5	2, 772	144, 251						
2	Bell & Zoller Coal & Mining Co., No. 1	10	933, 474	20	2, 620	933, 474						
3	Bell & Zoller Coal & Mining Co., No. 2	10	758, 459	18	2, 430	758, 459						
4	Blue Bird Coal Co., No. 6.	11	216, 140	3	288	216, 140						
5	Brewerton Co., The	11	111, 789	3	288	216, 140	23	6, 026	111, 789			
6	Centralia Coal Co.	4	170, 905	6	651	170, 905						
7	Chicago, Wilmington & Franklin Coal Co., No. 1	10	669, 039	15	1, 995	669, 039						
8	Chicago, Wilmington & Franklin Coal Co., No. 2	10	1, 237, 860	34	4, 414	1, 237, 860						
9	Consolidated Coal Co., No. 7.	6	387, 982	8	1, 320	387, 982						
10	Consolidated Coal Co., No. 15.	6	258, 536	10	820	258, 536						
11	Consolidated Coal Co., Buckhorn.	12	111, 369	3	585	111, 369						
12	Consolidated Coal Co., New Monarch.	12	379, 553	11	1, 309	379, 553						
13	Crescent Mining Co., No. 1.	2	466, 598	3	782	141, 797						
14	Franco Mining Co., No. 1.	12	82, 949				49	4, 282	82, 949	178	194	324, 801
15	Franklin County Coal Corp., No. 5.	10	402, 976	1	1, 595	407, 626	8	520	41, 510	27	145	13, 840
16	Franklin County Coal Corp., No. 7.	10	451, 703	1	770	388, 098	11	1, 210	40, 670	20	110	22, 935
17	Freeman Coal Mining Co.	12	37, 551	3	114	24, 679				75	19	12, 872
18	Gillette Coal Co.	6	237, 991	2	94		31	6, 107	237, 991			
19	Groom Coal Co.	8	44, 214	2	94	59, 726				18	62	14, 488
20	Hindach Coal Co.	8	167, 933	7	741	167, 933						
21	Hillsboro Mining Co.	6	41, 691				18	1, 404	41, 691			
22	Indiana & Illinois Coal Corp., No. 10	6	212, 864	10	668	194, 816	1	18	1, 075	25	1, 415	16, 973
23	Ill.-Mo. Coal Co.	9	12, 941				5	719	12, 941			
24	Lamaghi Coal Co., No. 2.	7	328, 484	1	3, 128	28, 898	45	12, 240	270, 891	20	136	28, 695
25	Nacoon County Coal Co.	7	122, 328				3	465	73, 082	15	112	11, 437
26	Nacoon County Coal Co.	7	197, 406	4	14, 960	185, 969				93	155	49, 246
27	Marion County Coal & Mining Co.	7	183, 079	7	4, 368	175, 097				5	149	7, 982
28	Marion County Coal Co.	7	221, 574	5	775	205, 642				20	83	15, 932
29	Mt. Olive & Staunton Coal Co., No. 2.	7	390, 089	12	25, 740	390, 089						
30	Mt. Olive & Staunton Coal Co.	7	32, 184	2	115	22, 676	2	120	9, 508			
31	Nokomis Coal Co.	8	380, 408	6	949	380, 408						
32	Old Ben Coal Corp., No. 8.	10	541, 710	7	902	417, 324	23	3, 455	124, 386			
33	Old Ben Coal Corp., No. 11.	10	372, 606	6	679	340, 859	8	882	31, 747			
34	Old Ben Coal Corp., No. 14.	10	513, 562	6	626	302, 612	44	5, 860	210, 950			
35	Old Ben Coal Corp., No. 15.	10	467, 271	7	639	277, 928	43	5, 260	183, 343			
36	Pana Coal Co.	4	40, 477				9	162	3, 280	107	64	37, 197

Number.	Name of operator.	District.	Loading machines.			Pit car loaders and Conveyors.			Hand loading.		
			Number in use.	Machine shifts used.	Tonnage loaded.	Number in use.	Machine shifts used.	Tonnage loaded.	Men employed.	Days worked.	Tonnage loaded.
37	Peabody Coal Co., No. 7.	4	18	2,790	920,928	1	55	2,434			
38	Peabody Coal Co., No. 8.	15	15	2,222	950,278						
39	Peabody Coal Co., No. 9.	15	15	2,385	954,720	1	36	1,069			
40	Peabody Coal Co., No. 14.	9	8	840	256,743	7	735	24,958	87	106	82,302
41	Peabody Coal Co., No. 18.	10	15	1,085	421,545						
42	Peabody Coal Co., No. 24.	5	15	1,665	364,354	22	2,778	73,609	8	827	7,194
43	Peabody Coal Co., No. 43.	11	9	909	218,176				20	111	18,528
44	Peabody Coal Co., No. 47.	11	8	826	241,421				236	116	213,899
45	Peabody Coal Co., No. 53.	4	3	186	86,236	50	139	294,532			
46	Peabody Coal Co., No. 57.	4	4	409	106,402	47	5,640	214,037			
47	Peabody Coal Co., No. 58.	4	11	1,980	743,288						
48	Peabody Coal Co., No. 59.	4	7	1,713	110,922	68	7,616	180,160			
49	Perry Coal Co., St. Ellen.	8	4	361	353,353						
50	Rex Coal Co., No. 2.	11	9	1,143	281,318	12	397	37,032	14	95	8,946
51	St. Louis Coal Co.	9	6	1,570	329,537	4	380	14,006			
52	St. Louis & O'Fallon Coal Co., No. 2.	9	5	1,100	300,900				50	162	89,756
53	Seymour Coal Mining Co.	12	6	648	366,410						
54	Southern Coal, Coke & Mining Co., No. 7.	8	10	1,572	125,790						
55	Superior Coal Co., No. 1.	6	8	1,552	408,707						
56	Superior Coal Co., No. 2.	6	8	1,912	563,848						
57	Superior Coal Co., No. 3.	6	8	1,848	645,576						
58	Superior Coal Co., No. 4.	6	6	534	107,993	111	186	431,747			
59	Union Colliery Co.	9	20	3,108	782,840						
60	United States Fuel Co., Bun.	5	3	580	151,340				725	56,060	453,863
61	Valley Coal Co.	10	27	3,430	1,043,794						
62	Wallace Coal Co., "A."	12	3	702	184,327						
63	Wasson Coal Co., "A."	11	4	272	36,346				148	3,032	26,693
64	Wasson Coal Co., No. 1.	11	10	1,916	429,807						
65	White Coal Co.	8	7	278	32,503						
Total.			511	114,510	20,673,027	646	66,692	2,777,447	1,891	63,153	1,457,579

TABLE 28—MECHANICAL LOADING FOR ELEVEN YEARS—1928-1938.

Year.	Entire output.			Part of output.			Total.			Per cent of—	
	Mines.	Ma- chines.	Tons loaded.	Mines.	Ma- chines.	Tons loaded.	Mines.	Ma- chines.	Tons loaded.	Mines.	Tons loaded.
1928.....	17	177	2,299,720	37	815	4,442,434	54	992	6,742,154	26.2	12.4
1929.....	22	603	5,882,615	51	1,525	11,947,755	73	2,128	17,830,368	36.5	30.2
1930.....	31	1,307	13,839,912	38	931	9,665,969	69	2,238	23,249,881	37.3	44.7
1931.....	36	1,504	15,138,330	38	916	7,307,452	74	2,420	22,445,782	49.3	52.1
1932.....	41	1,702	10,899,555	27	578	4,513,101	68	2,280	15,412,656	42.0	49.1
1933.....	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
1934.....	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1
1935.....	33	1,322	16,649,144	21	304	4,002,563	54	1,626	20,651,707	29.7	49.9
1936.....	37	1,210	18,540,558	27	363	6,664,612	64	1,573	25,205,170	36.4	53.3
1937.....	42	1,127	21,192,003	27	329	7,182,359	69	1,456	28,374,362	41.1	59.0
1938.....	45	935	19,360,718	20	222	4,089,756	65	1,157	23,450,474	43.6	61.0

TABLE 29—METHOD OF LOADING IN SHIPPING MINES FOR ELEVEN YEARS—1928-1938.

Year.	Loading machines.			By hand.		Strip mines.		Per cent of output loaded.		
	Mines.	Ma- chines.	Tons loaded.	Mines.	Tons loaded.	Mines.	Tons loaded.	By ma- chine.	By hand.	Strip mines.
1928.....	54	992	6,742,154	137	43,298,013	15	4,244,017	12.4	79.8	7.8
1929.....	73	2,128	17,830,368	160	35,995,126	17	5,250,501	30.2	60.9	8.9
1930.....	69	2,238	23,249,881	139	22,526,391	15	6,220,336	44.7	43.3	12.0
1931.....	74	2,420	22,445,782	114	14,078,400	16	6,548,798	52.1	32.7	15.2
1932.....	68	2,280	15,412,656	104	9,361,515	17	6,628,228	49.1	29.8	21.1
1933.....	51	1,752	17,766,216	88	12,025,455	20	5,599,006	50.2	34.0	15.8
1934.....	48	1,621	18,600,174	98	14,047,135	26	6,008,218	48.1	36.3	15.6
1935.....	54	1,626	20,651,707	100	13,277,358	28	7,481,349	49.9	32.1	18.0
1936.....	64	1,573	25,205,170	82	13,207,188	30	8,873,229	53.3	28.0	18.7
1937.....	69	1,456	28,374,362	69	8,511,640	30	11,176,074	59.0	17.7	23.3
1938.....	65	1,157	23,450,474	59	4,933,386	25	10,058,999	61.0	12.8	26.2



Coal Co., No. 2.	West Frank-	6	9' 2" Shaft	491 P. R.	Machine	Motor	Electric	Machine	Closed	Yes
Franklin County Coal Corp., No. 5	fort	6	9' 6" Shaft	365 P. R.	Machine	Both	Steam	Both	Closed	No
Franklin County Coal Corp., No. 7	Royalton	6	9' 6" Shaft	315 P. R.	Machine	Motor	Steam	Both	Closed	Partly
Old Ben Coal Corp., No. 8	West Frank-	6	8' 8" Shaft	442 Panel	Machine	Motor	Electric	Machine	Closed	Yes
Old Ben Coal Corp., No. 11	Coello	6	9' 6" Shaft	607 Panel	Machine	Motor	Electric	Machine	Closed	Yes
Old Ben Coal Corp., No. 14	Buckner	6	8' 11" Shaft	459 Panel	Machine	Motor	Electric	Machine	Closed	Yes
Old Ben Coal Corp., No. 15	West Frank-	6	8' 10" Shaft	418 Panel	Machine	Motor	Electric	Machine	Closed	Yes
Peabody Coal Co., No. 18	West Frank-	6	9' 0" Shaft	503 P. R.	Machine	Motor	Steam	Machine	Closed	Yes
Valley Coal Co.	Valley	6	7' 6" Shaft	600 P. R.	Machine	Motor	Electric	Machine	Closed	Yes
FULTON COUNTY—THIRD DISTRICT.										
Blakley Coal Co.	Canton	5	4' 6" Slope	70 P. R.	Machine	Both	Electric	Hand	Open	No
Central State Collieries, Inc.	St. David	5	4' 7" Strip	76 P. R.	Machine	Mule	Electric	Hand	Open	No
Golden Rule Coal Co.	Middle Grove	5	3' 10" Shaft	185 P. R.	Machine	Both	Electric	Hand	Open	No
Illinois Colliery Co.	Farmington	5	4' 1" Shaft							
Midland Electric Coal Corp., No. 2	Farmington	6	3' 2" Strip							
Pschirrer & Sons Coal Co.	Canton	6	4' 2" Shaft	152 P. R.	Machine	Both	Electric	Hand	Both	No
Truax-Tracer Coal Co., No. 1	St. David	5	4' 6" Strip							
Truax-Tracer Coal Co., No. 2	Flat	5	4' 6" Strip							
United Electric Coal Cos., No. 9	Cuba	5	4' 10" Strip							
United Electric Coal Cos., No. 17	Canton	5	4' 11" Strip							
HENRY COUNTY—FIRST DISTRICT.										
Midland Electric Coal Corp. No. 1	Atkinson	2	2' 8" Strip							
Shuler Coal Co., No. 2	Alpha	1	4' 8" Shaft	265 P. R.	Hand	Mule	Electric	Hand	Open	No
JACKSON COUNTY—NINTH DISTRICT.										
Truax-Tracer Coal Co., No. 2	Elkville	6	6' 6" Strip							
Union Colliery Co.	Dowell	6	8' 0" Shaft	260 P. R.	Machine	Motor	Electric	Machine	Closed	Yes
KNOX COUNTY—THIRD DISTRICT.										
Little John Coal Co.	Victoria	6	3' 7" Strip							
LASALLE COUNTY—FIRST DISTRICT.										
Buffalo Rock Coal Co.	Ottawa	2	1' 10" Strip							
Peru Deep Vein Coal Co., No. 3	Peru	2	3' 6" Shaft	365 L. W.	Machine	Both	Electric	Hand	Open	No
Union Coal Co.	Peru	2	3' 6" Shaft	400 L. W.	Machine	Both	Electric	Hand	Open	No
Wilmington Coal Mines, Inc.	Morris	2	2' 6" Strip							
Osage Coal Co., No. 1	Ottawa	2	1' 10" Strip							
MACON COUNTY—FIFTH DISTRICT										
Macon County Coal Co.	Decatur	5	4' 4" Shaft	624 L. W.	Machine	Both	Steam	Both	Open	No

TABLE 30—Continued.

Mine index	County, district, name of operator and mine.	Post office address of mine.	Tons of coal produced.	Num-ber of seam.	Thick-ness of seam in feet.	Shaft, slope, drift or strip.	Depth of shaft in feet.	Long-wall or pillar and room.	Mining.		Haulage.	Hoisting. Loading.		Open or closed lights.	Is mine rock dusted?
									Hand, machine or both.	Motor, mule or both.		Steam or electric.	Hand, machine or both.		
MACOUPIN COUNTY—SIXTH DISTRICT.															
S-1	Consolidated Coal Co., No. 7.	Staunton.	387, 982	6	7' 0"	Shaft	355	P. R.	Machine	Motor	Motor	Steam	Machine	Open	No
S-2	Consolidated Coal Co., No. 15.	Mt. Olive.	258, 536	6	7' 6"	Shaft	375	P. R.	Machine	Both	Both	Electric	Machine	Open	No
S-3	Gillespie Coal Co.	Gillespie.	237, 991	6	7' 6"	Shaft	347	P. R.	Machine	Both	Both	Electric	Machine	Open	No
S-4	Mt. Olive Coal Co.	Mt. Olive.	108, 380	6	8' 0"	Shaft	420	P. R.	Hand	Both	Both	Steam	Hand	Open	No
S-5	South Mine Co.	Carlinville.	18, 203	6	5' 6"	Shaft	265	P. R.	Machine	Mule	Mule	Steam	Machine	Open	No
S-6	Superior Coal Co., No. 1.	Gillespie.	408, 707	6	7' 0"	Shaft	338	P. R.	Machine	Motor	Motor	Steam	Machine	Open	No
S-7	Superior Coal Co., No. 2.	Gillespie.	563, 848	6	7' 5"	Shaft	321	P. R.	Machine	Motor	Motor	Steam	Machine	Open	No
S-8	Superior Coal Co., No. 3.	Gillespie.	645, 576	6	7' 7"	Shaft	347	P. R.	Machine	Motor	Motor	Steam	Machine	Open	No
S-9	Superior Coal Co., No. 4.	Gillespie.	559, 740	6	7' 0"	Shaft	314	P. R.	Machine	Both	Both	Steam	Machine	Open	No
S-10	Lincoln Liquidating Co.	Virden.	103, 360	6	6' 6"	Shaft	323	P. R.	Hand	Both	Both	Steam	Hand	Open	No
MADISON COUNTY—SEVENTH DISTRICT.															
S-1	Bullock Mining Co.	Collinsville.	13, 308	6	6' 0"	Shaft	165	P. R.	Both	Mule	Mule	Electric	Hand	Open	No.
S-1	Burn Well Coal Co.	Collinsville.	20, 443	6	6' 6"	Shaft	165	P. R.	Machine	Both	Both	Electric	Hand	Open	No.
S-2	Chicopee Coal Co.	Troy.	61, 910	6	5' 6"	Shaft	287	P. R.	Machine	Both	Both	Steam	Hand	Open	No.
S-3	Livingston-Mt. Olive Coal Co.	Livingston.	25, 095	6	6' 0"	Shaft	300	P. R.	Machine	Motor	Motor	Steam	Both	Open	No.
S-4	Linnaghi Coal Co., No. 2.	Collinsville.	328, 484	6	7' 6"	Shaft	185	P. R.	Machine	Motor	Motor	Steam	Both	Open	No.
S-5	Madison County Coal & Mining Co.	Edwardsville.	197, 406	6	5' 6"	Shaft	230	P. R.	Machine	Motor	Motor	Steam	Both	Open	Partly
S-6	Mt. Olive & Staunton Coal Co., No. 2.	Staunton.	390, 089	6	6' 6"	Shaft	312	P. R.	Machine	Both	Both	Steam	Machine	Open	Partly
MARION COUNTY—SEVENTH DISTRICT.															
S-1	Marion County Coal Co.	Centralia.	183, 079	6	6' 6"	Shaft	600	P. R.	Machine	Both	Both	Steam	Both	Open	No.
S-2	Odin Coal Co.	Odin.	3, 144	6	7' 4"	Shaft	715	P. R.	Hand	Both	Both	Steam	Hand	Open	No.
MONTGOMERY COUNTY—SIXTH DISTRICT.															
S-1	Hillsboro Mining Co.	Hillsboro.	41, 691	6	7' 6"	Shaft	472	P. R.	Machine	Both	Both	Steam	Machine	Open	No.
S-2	Indiana & Illinois Coal Corp., No. 10.	Nokomis.	212, 864	6	8' 0"	Shaft	640	P. R.	Machine	Motor	Motor	Electric	Machine	Open	No.
S-3	Nokomis Coal Co.	Nokomis.	380, 408	6	8' 4"	Shaft	640	P. R.	Machine	Motor	Motor	Steam	Machine	Open	No.
PEORIA COUNTY—SECOND DISTRICT.															
S-1	Crescent Mining Co., No. 1.	Peoria.	466, 598	5	4' 4"	Drift	130	P. R.	Machine	Both	Both	Electric	Both	Both	No.
S-2	Crescent Mining Co., No. 6.	Peoria.	464, 907	5	4' 4"	Slope	140	P. R.	Machine	Both	Both	Electric	Hand	Both	No.
S-3	Dorthal Coal Co., No. 1.	Hanna City.	13, 544	5	4' 0"	Shaft	240	P. R.	Both	Both	Both	Electric	Hand	Both	No.



TABLE 30—Continued.

Mine index number.	County, district, name of operator and mine.	Post office address of mine.	Tons of coal produced.	Number of seam.	Thickness of seam in feet.	Shaft, slope, drift or strip.	Depth of shaft in feet.	Long wall or pillar and room.	Mining.			Haulage.		Hoisting.		Loading.	Open or closed lights.	Is mine or rock dusted?
									Machine	Hand, machine or both.		Motor, mule or both.		Steam or electric.		Hand, machine or both.		
SALINE COUNTY—ELEVENTH DISTRICT																		
S-1	Bankston Creek Colliery Co., No. 6.	Carrier Mills.	719, 729	6	5' 0"	Strip			Machine			Motor		Electric		Machine	Open	No
S-3	Blue Bird Coal Co., No. 6.	Carrier Mills.	216, 140	5	4' 8"	Drift		L. W.	Both	Both		Motor		Steam		Both	Closed	Yes
S-4	Peabody Coal Co., No. 43.	Harrisburg.	286, 704	5	5' 7"	Shaft	267 P. R.		Both	Motor		Motor		Steam		Both	Closed	Yes
S-5	Peabody Coal Co., No. 47.	Harrisburg.	455, 320	5	5' 0"	Shaft	420 P. R.		Machine	Both		Motor		Steam		Machine	Closed	No
S-6	Rex Coal Co., No. 2.	Eldorado.	318, 350	5	6' 0"	Shaft	465 P. R.		Machine	Both		Both		Steam		Hand	Open	No
S-7	Sahara Coal Co., No. 1.	Harrisburg.	208, 987	5	5' 0"	Shaft	311 P. R.		Machine	Both		Both		Steam		Hand	Open	No
S-9	Sahara Coal Co., No. 10.	Eldorado.	293, 352	5	4' 0"	Shaft	406 P. R.		Machine	Both		Both		Steam		Hand	Open	No
S-10	Sahara Coal Co., No. 12.	Harrisburg.	24, 945	5	5' 0"	Shaft	413 P. R.		Both	Both		Both		Steam		Hand	Open	No
S-11	Wasson Coal Co., A.	Harrisburg.	63, 639	5	4' 8"	Slope	50 P. R.		Machine	Motor		Motor		Electric		Both	Open	No
S-12	Wasson Coal Co., No. 1.	Harrisburg.	428, 807	5	5' 6"	Shaft	323 P. R.		Machine	Machine		Motor		Steam		Machine	Closed	No
S-16	Bankston Creek Colliery Co., No. 5.	Carrier Mills.	144, 251	5	4' 8"	Slope	135 P. R.		Machine	Conveyor		Conveyor		Belt		Machine	Closed	No
SANGAMON COUNTY—FOURTH DISTRICT.																		
S-1	Central Illinois Coal Mining Co.	Springfield	152, 330	5	5' 8"	Shaft	200 P. R.		Hand			Both		Electric		Hand	Open	No
S-3	Panther Creek Mine No. 4.	Springfield	175, 531	5	5' 6"	Shaft	166 P. R.		Hand			Both		Steam		Hand	Open	No
S-4	Panther Creek Mine, No. 5.	Springfield	238, 090	5	5' 10"	Shaft	244 P. R.		Hand			Both		Steam		Hand	Open	No
S-5	Peabody Coal Co., No. 53.	Springfield	380, 768	5	5' 6"	Shaft	250 P. R.		Machine	Both		Both		Electric		Machine	Open	No
S-6	Peabody Coal Co., No. 57.	Springfield	320, 499	5	5' 6"	Shaft	230 P. R.		Machine	Both		Both		Steam		Machine	Open	Yes
S-7	Peabody Coal Co., No. 59.	Springfield	290, 782	5	5' 6"	Shaft	235 P. R.		Machine	Both		Both		Steam		Machine	Open	No
S-9	Brewerton Coal Co., No. 81.	Springfield	111, 789	5	5' 10"	Shaft	250 P. R.		Machine	Both		Both		Electric		Machine	Open	No
TAZEWELL COUNTY—SECOND DISTRICT.																		
S-1	Lake Erie Mining Co.	Peoria.	70, 958	5	4' 2"	Slope	260 P. R.		Machine			Both		Electric		Hand	Open	No
S-2	Ubben Coal Co.	Pekin.	7, 602	5	4' 6"	Shaft	90 P. R.		Machine			Motor		Electric		Hand	Open	No
VERMILION COUNTY—FIFTH DISTRICT.																		
S-1	United States Fuel Co., Bun.	Georgetown.	605, 203	6	6' 3"	Shaft	210 P. R.		Machine			Motor		Electric		Both	Open	No
S-2	Peabody Coal Co., No. 24.	Danville.	445, 157	6	6' 0"	Shaft	214 P. R.		Machine			Both		Steam		Both	Open	No
S-3	F. C. Morgan Coal Co.	Oakwood.	153, 993	7	5' 0"	Strip			Machine			Both		Electric		Both	Open	No
S-4	Tilton Mining Co.	Danville.	49, 259	7	6' 0"	Slope	280 P. R.		Both			Mule		Electric		Hand	Open	No
S-6	Skelton Coal Co.	Danville.	5, 623	7	5' 8"	Slope	P. R.		Both			Mule		Electric.		Hand.	Open	No



WASHINGTON COUNTY—NINTH DISTRICT.									
S-1	Centralia Coal Co.	170,905	6	6' 6" Shaft	537 P. R.	Machine.	Motor	Steam	Machine
S-2	Clarkson Coal & Mining Co.	46,440	6	5' 8" Shaft	415 P. R.	Hand	Both	Steam	Hand
S-3	Bois Coal Co.	20,723	6	6' 0" Shaft	300 P. R.	Hand	Mule	Steam	Hand
WHITE COUNTY—ELEVENTH DISTRICT.									
S-1	White County Coal Co.	6,243	6	5' 0" Shaft	640 P. R.	Hand	Both	Steam	Hand
WILL COUNTY—FIRST DISTRICT.									
S-1	Northern Illinois Coal Corp., No. 10.	1,252,018	2	3' 0" Strip					
WILLIAMSON COUNTY—TWELFTH DISTRICT.									
S-1	Marvel Coal Co.	22,270	6	5' 6" Shaft	160 P. R.	Both	Both	Steam	Hand
S-3	Consolidated Coal Co., New Monarch	379,522	6	9' 6" Shaft	150 P. R.	Machine	Motor	Steam	Machine
S-4	Delta Coal Mining Co.	338,484	5	4' 2" Strip					
S-6	Diamond Coal Co., No. 2.	6,550	6	7' 0" Strip					
S-7	Forsyth-Carterville Coal Co.	88,122	6	9' 0" Strip					
S-8	Franco Mining Co., No. 1.								
S-9	Freeman Coal Mining Co.	82,949	6	7' 0" Shaft	234 P. R.	Machine	Motor	Steam	Machine
S-13	McLaren Coal Co., No. 1.	37,551	6	8' 0" Shaft	250 P. R.	Both	Both	Electric	Both
S-15	New Watson Coal Co.	75,066	5	4' 0" Strip					
S-17	Seymour Coal Mining Co.	2,553	6	7' 0" Slope	52 P. R.	Hand	Mule	Electric	Hand
S-19	Wallace Coal Co.	456,166	6	8' 0" Slope	160 P. R.	Both	Both	Steam	Both
S-20	Consolidated Coal Co., Buckhorn.	184,327	6	6' 6" Slope	90 P. R.	Machine	Motor	Electric	Machine
S-21	Diamond Coal Co., No. 3.	111,369	6	8' 0" Slope	190 P. R.	Hand	Hand	Electric	Hand
		2,160	6	7' 0" Slope					
WOODFORD COUNTY—SECOND DISTRICT.									
S-1	Roanoke Coal & Tile Co.	7,270	2	2' 8" Shaft	480 L. W.	Hand	Both	Steam	Hand
S-2	W. G. Sutton.	48,898	2	3' 0" Shaft	553 L. W.	Hand	Both	Steam	Hand

TABLE 31—SUMMARY OF THE VARIOUS SEAMS OF COAL, KIND OF OPENING, MANNER OF WORKING AND TONS PRODUCED FROM EACH SEAM.

Number of seam.	Number of—		Kind of opening.				Manner of working.		Production in tons.
	Counties.	Mines.	Shaft.	Drift.	Slope.	Strip.	Pillar and room.	Longwall.	
One.....	13	59	31	6	22		59		337,491
Two.....	21	152	30	45	49		115	9	2,515,585
Three.....	5	6	2	1	3		6		4,928
Four.....	2	2		1	1		2		2,437
Five.....	22	336	92	63	161	20	314	2	9,207,617
Six.....	34	299	178	20	66	35	264		29,741,516
Seven.....	7	115	11	24	66	14	102		577,794
Total.....		969	344	160	368	97	862	11	42,387,368

TABLE 32—LIST OF FATALITIES—1938.

Name of person killed.	Occupation.	Residence.	Date of accident.	Date of death.	Cause of death.	By whom employed.
Abney, Fred.....	Triprider.....	Raleigh.....	Apr. 4	Apr. 4	Crushed between cars.....	Peabody Coal Co., No. 43.
Adams, John.....	Miner.....	Peoria.....	Feb. 3	Feb. 3	Fall of coal.....	C. O. Lightbody Coal Co.
Barnard, Jerry Junior.....	Loader.....	Eldorado.....	Nov. 25	Nov. 25	Fall of rock.....	Logan Highway Coal Co.
Berger, Joe.....	Face boss.....	Centralla.....	Feb. 18	Feb. 18	Fall of rock.....	Centralla Coal Co., No. 5.
Bibb, John.....	Cleanup man.....	Centralla.....	Feb. 18	Feb. 18	Fall of rock.....	Centralla Coal Co., No. 5.
Blake, Henry.....	Fireman.....	Herrin.....	Apr. 28	Apr. 28	Caught in boiler room conveyor.....	Consolidated Coal Co., New Monarch
Bostain, Jesse.....	Triprider.....	Herrin.....	Jan. 27	Jan. 27	Killed by motor.....	Peabody Coal Co., No. 47
Bowers, Fenton.....	Track boss.....	Orient.....	Apr. 20	Apr. 20	Crushed by R. R. cars.....	C. W. & F. Coal Co., No. 1.
Boyd, Arthur.....	Driller and shooter.....	Harrisburg.....	Nov. 4	Nov. 4	Fall of rock.....	Blue Bird Coal Co., No. 6.
Braehler, Joseph.....	Miner.....	Beckemeyer.....	Jan. 24	Jan. 25	Gas explosion.....	Beckemeyer Coal Co.
Brooks, Robert.....	Tracklayer.....	Georgetown.....	Nov. 15	Dec. 5	Fall of rock.....	Peabody Coal Co., No. 24.
Cass, Merle.....	Lead. mach. helper.....	Edinburg.....	Dec. 5	Dec. 5	Fall of rock.....	Peabody Coal Co., No. 8
Chaney, Thomas.....	Motorman.....	Centralla.....	Nov. 28	Nov. 28	Crushed by motor.....	Centralla Coal Co., No. 5.
Chrostowski, John.....	Miner.....	Westville.....	Aug. 20	Aug. 20	Powder explosion.....	U. S. Fuel Co.
Chrostowski, Stanley.....	Leader opr. asst.....	Westville.....	Feb. 23	Feb. 23	Crushed between cars.....	U. S. Fuel Co.
Cotwell, Wilbur.....	Miner.....	Danville.....	July 16	July 16	Fall of rock.....	Hegeler Zinc Co.

Combs, Walter	Machine man	Herrin	6 Aug.	13 Fall of face coal	Franklin Co. Coal Corp., No. 7
Corsi, Joseph	Tracklayer	Beuld	7 Sept.	17 Fall of slate	Superior Coal Co., No. 1
Daghterty, Chester	Load. mach. helper	Taylorville	27 Nov.	14 Fall against loading machine	Peabody Coal Co., No. 7
Drysdale, Floyd	Load. mach. helper	Belleville	23 Sept.	23 Fall of rock	Perry Coal Co., St. Ellen
Emmons, Leroy	Triptider	Carlinville	29 Nov.	29 Crushed between cars	Superior Coal Co., No. 3
Evans, Herbert	Machine helper	Danville	2 June	14 Powder explosion	Quality Coal Co.
Forsler, Robert	Timberman	Marion	15 Dec.	18 Fall of top coal	Peabody Coal Co., No. 18
Furlow, William Roy	Car dropper	Mukletown	26 Aug.	27 Crushed by R. R. cars	Peabody Coal Co., No. 14
Gibbs, John	Driller and shooter	Harrisburg	29 Oct.	6 Premature explosion	Peabody Coal Co., No. 47
Grimes, Ralph	Miner	Georgetown	12 Jan.	12 Fall of rock	Peabody Coal Co., No. 24
Hamilton, Perry	Triptider	Herrin	7 June	7 Crushed between car and rib	Seymour Coal Mining Co.
Heitzman, August	Miner	Bartonville	21 Sept.	21 Fall of slate	Treasure Coal Co.
Herron, Vanarkes	Picker boss	Collinsville	11 May	11 Fall from tippie platform	Lumaghi Coal Co., No. 2
Hiller, Glen M.	Miner	Carbondale	18 Aug.	18 Fall of slate	Lumaghi Coal Co., No. 2
Hoppy, Arthur John	Motorman	O'Fallon	19 Oct.	19 Crushed between motor cover and car	Swafford Coal Co., No. 2
Hopper, Shelby	Hoisting engineer	West Frankfort	12 Sept.	12 Heart trouble	Perry Coal Co., St. Ellen
Howard, Willis D.	Tracklayer	Taylorville	21 Feb.	21 Crushed by cars	Old Ben Coal Corp., No. 8
Kanz, Fred	Load. mach. opr.	Staunton	3 Aug.	3 Fall of slate	Peabody Coal Co., No. 9
Labotte, Joseph	Miner and driver	Marion	19 July	19 Runaway car	Mt. Olive & Staunton C. Co., No. 2
Larwood, J. Robert	Machine man	Benton	7 Feb.	26 Crushed between machine and face	J. G. Thomas Coal Co.
Long, Gether	Mule driver	Peoria	16 Dec.	31 Crushed by car	C. W. & F. Coal Co., No. 2
Love, Kenneth	Asst. Mine Manager	Springfield	3 Mar.	3 Overexertion	Crescent Mining Co., No. 6
Lydas, Frank	Loader	Johnston City	12 Oct.	12 Fall of rock	Peabody Coal Co., No. 57
McClellan, George	Night motorman	West Frankfort	7 Dec.	7 Gas explosion	Seymour Coal Mining Co.
McCoy, Ralph	R. R. car blocker	Eldorado	22 Feb.	22 Crushed by R. R. car	Old Ben Coal Corp., No. 15
McNall, Estes	Mine Manager	Marion	22 Aug.	22 Drowned bottom of slope	Sahara Coal Co., No. 10
Marshall, Alex. Jr.	Miner	Beckemeyer	31 Jan.	4 Gas explosion	Green Valley Mining Co.
Massingale, William	Truck driver	Flat	6 Dec.	6 Truck plunged into creek	Beckemeyer Coal Co.
Meier, Julius	Timberman	Collinsville	23 Mar.	23 Fall of coal	Truax-Traer Coal Co., No. 8
Musso, George V.	Conveyor loader	Collinsville	20 Sept.	20 Fall from cage	St. Louis & O'Fallon Coal Co., No. 2
Myatt, Arthur J., Jr.	Motorman	West Frankfort	26 Jan.	26 Fall of rock	Lumaghi Coal Co., No. 2
Myers, Ellis	Driver	Lewistown	30 Dec.	3 Runaway car	Old Ben Coal Corp., No. 15
Naylor, Harry	Driver	Sweetwater	12 Mar.	12 Crushed by car	Buckheart Creek Coal Co.
Neltner, Joseph	Miner	Peoria	10 Feb.	11 Fall of top coal	Greenville Mining Co.
Newirth, Daniel	Miner	Freeburg	14 July	29 Fall of slate	Lake Erie Mining Co.
Noble, R. L.	Driller	Tilden	17 Dec.	17 Fall of clod	Neurirth Coal Co.
Noverro, Lawrence	Machine operator	Maryville	2 June	17 Fall of rock	St. Louis Coal Co., Florida
Peters, Guy Stanley	Mechanic	Christopher	24 Mar.	24 Crushed between conveyor and motor	Madison Co. C. & M. Co.
Peters, Henry	Company man	Springfield	24 May	24 Suffocation	Bell & Zoller C. & M. Co., No. 1
Peppenhorst, Ed.	Miner	Beckemeyer	24 Feb.	9 Gas explosion	Peabody Coal Co., No. 57
Peppenhorst, Frank	Apprentice miner	Breese	24 Jan.	29 Gas explosion	Beckemeyer Coal Co.
Percell, Hardy	Loader	Riverton	16 Dec.	17 Fall of slate	Brewerton Co., No. 81
Rees, Ross	Driller	DeSoto	28 Nov.	1 Fall of overhanging dirt	Truax-Traer Coal Co., No. 2
Rice, Raymond Richard	Machine man	Yates City	18 Nov.	23 Fall of rock	Knoxville Mining Co.
Richter, Frank	Tracklayer	Bulppitt	8 Jan.	8 Fall of rock	Peabody Coal Co., No. 8
Ritschel, Max A.	Tracklayer	Meyers Crossing	24 Aug.	24 Fall of clod	Consolidated Coal Co., No. 7
Roth, Charles	Asst. Manager	Virden	29 Apr.	29 Suffocation	Mine B Coal Co.
Ruehrup, Robert	Load. mach. opr.	Staunton	16 Feb.	16 Fall of slate	Consolidated Coal Co., No. 7

TABLE 32—Concluded.

Name of person killed.	Occupation.	Residence.	Date of accident.	Date of death.	Cause of death.	By whom employed.
St. Catherine, Louis Joseph.....	Miner.....	Spring Valley.....	May.....	24 May.....	24 Fall of rock.....	Union Coal Co.
Sammacott, Sam.....	Miner.....	Collinsville.....	Aug.....	19 Aug.....	26 Fall of rock.....	Linnaghi Coal Co., No. 2.
Shurt, Paul.....	Machine operator.....	Staunton.....	Dec.....	16 Dec.....	30 Fall of coal.....	Mt. Olive & Staunton C. Co., No. 2.
Smith, Carl.....	Leader.....	Harrisburg.....	Jan.....	22 Jan.....	22 Fall of rock.....	Peabody Coal Co., No. 47.
Smith, John.....	Driver.....	Harrisburg.....	Jan.....	22 Jan.....	22 Fall of rock.....	Peabody Coal Co., No. 47.
Smith, Richard.....	Miner.....	Virden.....	Sept.....	10 Sept.....	10 Crushed by cars.....	Lincoln Liquidating Co.
Talbert, James Hutchings, Jr.....	Miner.....	Grape Creek.....	Jan.....	27 Jan.....	27 Fall of rock.....	Diamond Coal Co.
Thompson, David Bartley.....	Miner.....	Matherville.....	Mar.....	10 Mar.....	10 Electrocutted.....	Valley View Mine, Inc.
Thrush, David.....	Miner-Mach. helper.....	Peoria.....	Dec.....	18 Dec.....	18 Fall of rock.....	Lake Erie Mining Co.
Tosh, Kilmer.....	Leader.....	Elkhart.....	Nov.....	25 Nov.....	25 Fall of rock.....	Logan Highway Coal Co., No. 1.
Tretter, Louis P.....	Top man.....	Williamson.....	Dec.....	14 Dec.....	22 Crushed by R. R. cars.....	Mt. Olive & Staunton Coal Co., No. 2.
Trueber, Frederick Francis.....	Civil engineer.....	DuQuoin.....	Mar.....	22 Mar.....	22 Crushed by cars.....	Union Colliery Co.
Walker, Ralph.....	Miner.....	Wataga.....	Jan.....	18 Jan.....	18 Fall of rock.....	Valley View Coal Co., No. 1.
Walker, Verh.....	Asst. Foreman.....	Harco.....	May.....	4 May.....	4 Fall of rock.....	Peabody Coal Co., No. 47.
Weidenbuer, Fred.....	Timberman.....	Danville.....	Feb.....	15 Feb.....	17 Fall of rock.....	Peabody Coal Co., No. 24.
Wanner, William.....	Leader.....	Herrin.....	Feb.....	14 Feb.....	14 Fall of coal.....	Franklin Co. Coal Corp., No. 5.
Williamson, Arthur.....	Machine runner.....	Danville.....	June.....	2 June.....	24 Powder explosion.....	Quality Coal Co.
Wilson, William L.....	Machine man.....	Valley.....	June.....	16 June.....	16 Fall of coal.....	Valley Coal Co.
Wolf, Anton.....	Apprentice miner.....	Belleville.....	Jan.....	12 Jan.....	17 Crushed between skip and slope wall.....	Sugar Creek Coal Co.
Yanks, George.....	Miner and operator.....	Danville.....	June.....	2 June.....	7 Powder explosion.....	Quality Coal Co.

TABLE 33—FATAL ACCIDENTS BY DISTRICTS AND CAUSES.

District.	Underground.							On surface.			Grand total.
	Falls of roof and sides.	Haulage.	Electricity.	Explosives.	Gas explosions.	Other causes.	Total.	Machinery.	Other causes.	Total.	
First.....	2		1				3				3
Second.....	3	1					4				4
Third.....	2	1					3				4
Fourth.....	3	2				4	9		1	1	9
Fifth.....	3	1		4			10				10
Sixth.....	3	2					5				5
Seventh.....	4						4		3	3	7
Eighth.....	3	2			4		9				9
Ninth.....	4	2				1	6		2	2	8
Tenth.....	5	1				1	7		2	2	10
Eleventh.....	6	2		1			9		1	1	10
Twelfth.....	1	2				1	4	1		1	5
Total.....	41	16	1	5	5	6	74	1	9	10	84

TABLE 34—FATAL ACCIDENTS BY OCCUPATION AND CAUSES.

Occupation.	Underground.							On surface.			Grand total.
	Falls of roof and sides.	Haulage.	Electricity.	Explosives.	Gas explosions.	Other causes.	Total.	Machinery.	Other causes.	Total.	
Apprentice miner.....		1			1		2				2
Assistant foreman.....	1						1				1
Assistant mine manager.....						2	2				2
Car dropper.....									1	1	1
Civil engineer.....		1					1				1
Cleanup man.....	1						1		1	1	2
Company man.....						1	1				1
Driller.....	2			1			3		1	1	4
Driver.....		4					4				4
Face boss.....	1						1				1
Fireman.....								1		1	1
Hoisting engineer.....									1	1	1
Loader.....	7						7		1	1	8
Loading machine helper.....	2	1		1		1	5				5
Loading machine operator.....	2						2		1	1	2
Machine man.....	5			1			7				7
Mechanic.....		1					1				1
Mine manager.....						1	1				1
Miner.....	12	1	1	2	3	1	19				19
Motorman.....	1	2			1		4				4
Picker boss.....									1	1	1
Railroad car blocker.....									1	1	1
Track boss.....									1	1	1
Tracklayer.....	4	1					5				5
Timberman.....	3						3				3
Triprider.....		4					4				4
Truck driver.....									1	1	1
Total.....	41	16	1	5	5	6	74	1	9	10	84

TABLE 35—FATAL ACCIDENTS BY MONTHS.

Month.	District—Shipping mines.													Local mines.		
	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Ninth.	Tenth.	Eleventh.	Twelfth.	Total	District.	Number killed.	Total fatalities.
January.....	1			1	1			3		1	3		10	{ 1 5 8	1 1 1	13
February.....		1		1	2	1		1	2	2	1		11	{ 3 1 4	1 1 1	12
March.....				1				1	1	1			4	{ 1 1 4	1 1 1	6
April.....				1						1	1	1	4			4
May.....				1			1				1		3			3
June.....							1			1		1	3	{ 5 5 8	3 1 1	6
July.....														{ 12 9 12	1 1 1	3
August.....					1	1	2		1	1			6	{ 1 9 2	1 1 1	8
September.....							2	1	1	1			5	{ 12 2	1 1 1	6
October.....				1				1			1	1	4	{ 3 11	2 2	4
November.....						1			2				4	{ 3 11	2 2	8
December.....		2	1	2	1		2		1	2			11			11
Total—shipping mines.....	1	3	1	8	5	5	7	7	7	10	8	3	65		19	84
Total—Local mines.....	2	1	3	1	5			2	1		2	2	19			
Total—all mines.....	3	4	4	9	10	5	7	9	8	10	10	5	84			

TABLE 36—CONJUGAL RELATION OF THE MEN KILLED AND TONS MINED AND NUMBER EMPLOYED TO ONE KILLED AND FATALITIES PER 1,000,000 TONS MINED AND PER 1,000 EMPLOYEES.

District.	Conjugal relations.						Tons mined to one killed.	Number employed to one killed.	Number killed.	
	Number killed.	Married.	Single.	Widows.	Children.	Dependents.			Per 1,000,000 tons mined.	Per 1,000 employed.
First.....	3	3		3	7	10	882,030	960	1.0	.1
Second.....	4	2	2	2	7	11	386,580	634	2.5	1.6
Third.....	4	3	1	3	6	13	990,552	611	1.0	1.6
Fourth.....	9	8	1	8	14	22	639,934	626	1.5	1.6
Fifth.....	10	8	2	8	17	27	179,138	316	5.5	3.1
Sixth.....	5	5		5	4	9	791,498	873	1.2	1.1
Seventh.....	7	7		7	5	12	233,241	345	4.2	2.9
Eighth.....	9	9		9	3	12	267,019	367	3.7	2.7
Ninth.....	8	7	1	7	5	12	708,808	475	1.4	2.1
Tenth.....	10	8	2	8	11	22	787,553	670	1.2	1.5
Eleventh.....	10	8	2	8	13	21	323,328	392	3.1	2.6
Twelfth.....	5	5		5	7	12	431,871	454	2.3	2.2
Total.....	84	73	11	73	99	183	504,612	516	1.9	1.9

TABLE 37—CAUSES OF FATAL ACCIDENTS BY YEARS—1882-1938.

Year.	Total number killed.	Underground.						In shaft.				On surface.			
		Falls of roof and sides.	Gas explosions.	Haulage.	Electricity.	Explosives.	Other causes.	Falling down shaft.	Cage.	Other causes.	Total.	Machinery.	Railway cars.	Other causes.	Total.
1882	40	26				5	9	40							
1883	134	40	12	2		2	*78	134							
1884	46	29	4			6	7	46							
1885	39	20					†19	39							
1886	52	32				10		47	1	4	5				
1887	41	28		5			13	41							
1888	54	33		6		9		48	4	2	6				
1889	42	26		5		3	1	35	2	4	1	7			
1890	52	36	5	3		4		48		4	4	4			
1891	58	33	4	2		11	1	51	1	4	2	7			
1892	56	28	3	6		4	3	44	8	4	12				
1893	68	48	2	2		6	2	60	3	4	1	8			
1894	70	43		6		8		57	5	8	13				
1895	75	38	5	6		12	2	63	5	4	1	1	1		2
1896	77	41	2	9		9	2	63	6	5	11	1	1	1	3
1897	69	46	2	1		11		60	6		1	7	1		2
1898	75	43	7	3		11	2	66	4	2	6	1	1		3
1899	84	51	5	6		6	6	74	4	5	9		1		1
1900	94	51	1	11		20		83	1	4	2	7			4
1901	99	57	1	14		20	3	95	1	1	2			2	2
1902	99	55		15		17	1	88	7	2	9			2	2
1903	156	77	8	18	1	41	2	147	2	6	8			2	2
1904	157	65		21	1	44	3	134	10	4	14	6	2	1	9
1905	199	80	59	11	1	32	3	186	5	6	1	12			1
1906	155	84	2	22		22	1	131	9	5	1	15	3	4	9
1907	165	84	4	29		25	2	145	6	8	14	3	4	2	6
1908	183	91	7	35	1	29	1	164	3	1	3	7	4	8	12
1909	213	84	44	30	2	29	1	190	5	4	1	10	3	8	13
1910	406	65	20	23	3	17	258	386	3	6	9	3	5	3	11
1911	157	80	8	40	1	10	4	143	5	2	2	9		2	5
1912	180	98	3	38	3	13	12	167	6	3	9		2	2	4
1913	175	81	10	50	6	10	5	162	5	4	1	10		2	3
1914	159	83	6	40	6	6	7	148	2	1	3		4	4	8
1915	180	57	68	27	2	9	12	175	1		2	3		2	2
1916	165	80	12	43	4	13	1	153	4		4	2		6	8
1917	207	77	19	67	7	12	3	185		4	1	5	5	9	17
1918	259	100	27	70	13	20	4	234	8	8	2	18		4	7
1919	208	93	31	51	7	12	1	195	4	4	2	10		2	3
1920	181	91	7	41	14	9	5	167	8	2	10	1	2	1	4
1921	222	112	6	54	9	20	8	209	2	4		6	1	4	2
1922	159	71	15	29	8	17	7	147	2	1	3	6		5	6
1923	161	82	2	40	6	13	6	149	3	1	1	5		4	7
1924	184	76	40	37	5	10	8	176	2		2	4		2	4
1925†	183	89	5	46	12	11	9	172	1	2		3	3	2	8
1926	165	85	13	39	5	7	4	153	7	1	1	9	1	1	3
1927	106	44	17	18	5	5	8	97	3			4	2	1	5
1928	139	72	23	21	2	6	5	129	1	1		2	1	4	3
1929	109	52	8	24	5	6	5	100	1	2		3	2	2	6
1930	112	72	4	20	3	2	5	106		1	1	1		2	5
1931	90	54	2	15	6	2	5	84		4			1	1	2
1932	114	33	54	10		4	4	105					4	5	9
1933	71	45	1	12	3	3	3	67	3			3		1	1
1934	86	48		18	5	2	5	78				3			5
1935	82	34	1	17	3	3	15	73	2	1		3	1	1	6
1936	93	54		12	1	2	16	85				2		6	8
1937	83	45	2	17	2		9	75				3		5	8
1938	84	41	5	16	1	5	6	74	1			1	1	4	10
Average—57 years	126	59	10	21	3	11	11	115	3	2	1	6	1	2	4

\* Sixty-nine men were drowned in the Braidwood mine disaster.

† Other causes not classified.

‡ From July 1, 1924 to December 31, 1925.

# “A CAMPAIGN TO REDUCE ACCIDENTS FROM FALLS OF ROOF AND COAL”

*Paper Presented By* JAMES MCSHERRY,

DIRECTOR, DEPARTMENT OF MINES AND MINERALS

STATE OF ILLINOIS

AT

CONVENTION OF MINE INSPECTORS' INSTITUTE OF AMERICA

Pittsburgh, Pennsylvania

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To my knowledge some phase of the subject of accidents from roof and face falls and their prevention has been up for discussion at just about every Institute meeting of consequence in the past several years. I, myself, have prepared three or four papers on the subject since 1935, and so before beginning this one, I thought it well to check back over what I had had to say previously since I am of the opinion there is very little I can add now to what has already been written or said on this subject.

I cannot help but notice, too, notwithstanding all the writing and discussion there has been about this and other types of accidents, and in spite of the fact we State Mine Chiefs and State Mine Inspectors and everyone interested in safety have declared ourselves as being “again” ’em,” accidents from falls of roof and coal are still occurring in our mines.

I am reminded of something interesting Dr. Rutledge reprinted sometime ago in his “Maryland Bureau of Mines Notes.” Someone had set to verse the story of what happened to one “Jock” who had been called to his eternal rest as a result of having been in a certain spot in the mine at just the moment “a stane fell fra oot the roof.” According to the tale, one “Sandy” and other of poor “Jock’s” erstwhile companions were discussing his misfortune and while they were holding their post mortem along came the “experts, wi’ all their gear.” These gentlemen proceeded to measure, sound, question, probe, confer solemnly and at length, and finally retired in confusion and in complete disagreement apparently as to what had brought poor “Jock” to his sad end. The punch this little tale packed for me was contained in the remarks of “Sandy” who looked after the “experts” as they retreated down the entry and getting off the Scotch equivalent of “Huh!” opined: “If ‘Jock’ had set the prop in time then ‘Jock’ would ne’er bin daid.”

I wonder if the logic in “Sandy’s” simple conclusion about the cause of “Jock’s” death doesn’t provide us with about as reasonable an answer as we can find anywhere to this question of how to prevent accidents from falling roof and coal?



All of us who have spent any time in and around coal mines know the wisdom in the old admonition:

"Better set a thousand props too many than one too few!"

Resolved to its simplest fundamentals, the only way to prevent accidents from roof and face falls is to either make the roof or face safe with sprags and props, or to prevent men working where they can be injured by unsafe conditions. That all sounds very simple. Then, why all the accidents?

I am not inclined today to brag about our Illinois record; the facts and figures would not justify my being boastful even though I were inclined to be so. Like most coal producing States, we mined less coal in Illinois in 1938 than we did in 1937; yet we had one more fatality than we did with the higher production of 1937 when the figure was 83; 41 of those fatalities were caused from falls of roof and coal. Our non-fatal accidents from this same cause last year were in about the same proportion. During the past six years 499 fatalities have occurred in our mines from all causes and 267 of these have been chargeable to falls of roof and coal. As far as the figures go therefore, we have improved a little bit recently, and while, in fact, our record is a little better with respect to accidents from falls, nevertheless, the industry as a whole should show an improvement of ten, twenty or thirty percent, in my opinion, before anybody should feel he has license to "crow" about it.

I have analyzed numerous accident reports, both fatal and non-fatal, and in the cases of falls I have yet to find one instance of an accident which could not have been prevented by the application of one of the two broad, basic principles I just referred to awhile ago, i. e., "Make unsafe roof secure" or "prevent men working beneath unsafe roof." If we are agreed, therefore, these two basic rules or principles will work, it would seem to follow then that to conduct a successful campaign to reduce accidents from falls all we need do is figure out HOW to make and keep roof safe if men are going to work beneath it, or HOW to keep them from working in places where roof conditions are unsafe. Again, I say, that all sounds very simple; however, when you consider that in an industry with a high accident frequency rate, 50 percent of the accidents are caused from roof and face falls, it would seem the problem is either *not* an easy one to work out, or else the right methods for its solution are *not being applied*.

Well, after the accident statistics have been computed, compensation paid, and sympathies extended to those bereaved, or to those who are maimed in mine accidents, there may be little the industry can do about its casualties, unless it profits by its sad experiences. I dare say there are few men in the industry today who do not realize the terrific cost of accidents to say nothing of the human misery and want they bring about. Every year more coal mining officials are putting into effect accident prevention campaigns and these accumulative efforts cannot help but bring about some good results. It is the "putter-offer" who is giving the industry a black eye for maintaining an unenviable accident record, and until the in-

dustry can boast a sufficient number of men, both miners and officials, who really *want* to do something about safety, the boys who are trying to do something about it will to some extent be obliged to share in the unenviable reputation coal mining enjoys as a "hazardous" business or occupation.

We have all heard about a certain hot place that is said to be paved with people's good intentions. Well, who knows? Maybe "safety putter-offers," whether they be miners or operators, may be making their own contribution to the well known place we just referred to; at any rate I do know that in many cases their careless methods have done about as much as it is humanly possible to do to make conditions miserable for themselves and others—and that is putting it mildly.

Well, we started out to talk about falls of roof and what an effective campaign to reduce such accidents should constitute. I said awhile ago I couldn't boast about Illinois' record generally; but I can say here and now we have some organizations in Illinois about whose accident prevention efforts I am really enthusiastic. Practically all of them have been leading the field for years in accident prevention work generally, and with the thought in mind you might be interested in knowing how they are accomplishing their good results I shall briefly outline their methods for you.

I am glad to say our State Mine Inspectors have worked as closely as possible with all these organizations, and while we claim and desire no credit for the good records made and maintained (after all one deserves no commendation for what one is supposed to do, and it is the State Mine Inspector's job to promote safety) nevertheless, we do share their justifiable pride at their accomplishments and heartily applaud their efforts.

Our twelve coal mine inspectors give me annually a report of conditions in their respective districts in which they make their recommendations for improvement and go into detail about the methods of the organizations who are making efforts to reduce their accidents. I know of no better place to go than to these reports, therefore, to see how records are being improved. Time and space will not permit me to set forth these Inspectors' reports at length, but I will summarize them as briefly as possible, submitting them here not in any sense as a *complete* list of rules or procedures that should be followed and things not to be done, but rather to give you a general idea of what our Illinois people do. The reports cover the large as well as the small operations, and the results show SAFETY PAYS the little fellow as well as the big one. We have one operator in the classification of smaller mines who has been operating for forty-five years without a fatality and who within the past three years has had only three minor accidents from falls. Working conditions throughout the State, of course, are varied, but an analysis of the reports show the fellows who are making progress are using a combination of some or all of the following practices and procedures:

They are making a careful study of roof and floor conditions in laying out their method of work, the first consideration in deciding on

room, entry and pillar widths being *roof support*. Methods of undercutting and shooting or otherwise bringing down the coal are carefully considered. My Department urges operators to substitute permissible explosives for black powder wherever it can be done. Whether pillar coal is taken will depend on whether this can be done *safely*. The leaving of top coal is carefully thought out; working places are evenly run. Timbering and spragging methods are carefully considered and where props are used these are of good quality and of proper length.

Rigid and careful examination is insisted upon, the intervals, of course, varying with conditions. Most companies oblige their men at machines to stop at frequent intervals to sound the roof. Fewer accidents will occur in well lighted mines. Protective wearing apparel will unquestionably reduce accident severity.

In a safe mine there must be close supervision by foremen, and superintendent "Jimmy" Powell of the Superior Coal Company mines inaugurated in Illinois, I believe, and put into effect the idea of making every man in the mines a safety inspector—needless to say this idea has paid dividends. Many mines have now come to realize every accident no matter how trivial must be reported and investigated.

Needless to say every mine should have a competent full or part time safety inspector, depending upon the size of the organization. Most safe workers are the first aid trained men, who will attend safety meetings made possible by their companies, safety and insurance groups. The Federal Bureau will always help with first aid training and the special accident prevention work. Every member of our Department will cooperate in every way possible.

The industry and this Department receive the finest of cooperation from the United States Bureau of Mines organization at Vincennes, Indiana, and the efforts of these men are directly responsible for many of the good accident records that are being made and maintained.

A word of praise is also due the Bituminous Casualty Corporation of Rock Island, for the efforts they are making to reduce accidents and the cost of accident insurance.

The Joseph A. Holmes Safety Association have awarded certificates of honor to the following Illinois mines for extraordinary safety achievement:

- Mine No. 7, Consolidated Coal Company, Herrin, Illinois.
  - Mine No. 1 Crescent Mining Company, Pekin, Illinois.
  - Mine No. 5, Franklin County Coal Company, Freeman, Illinois.
  - Mine No. 7 Franklin County Coal Company, Royalton, Illinois.
  - Mine No. 7, Peabody Coal Company, Kincaid, Illinois.
  - Pyramid Coal Corporation, Pinckneyville, Illinois.
  - Mine No. 2, Rex Coal Company, Eldorado, Illinois.
  - Mine No. 1 Superior Coal Company, Gillespie, Illinois.
  - Mine No. 2, Superior Coal Company, Gillespie, Illinois.
  - Mine No. 4, Superior Coal Company, Gillespie, Illinois.
  - Mine No. 1, Valier Coal Company, Valier, Illinois.
- All but one of the above mines are underground operations.

In addition to these awards a Joseph A. Holmes Certificate of honor was issued to Lewis Quenon of the Crescent Mining Company, Pekin, Illinois, for long time employment without an accident.

These awards represent additional, positive proof not only that roof fall accidents can be prevented, but that mining in all its phases can be made safer.

TABLE 38—SHIPPING MINES IN WHICH FATALITIES OCCURRED—SHOWING NUMBER KILLED—OUTPUT OF MINES—NUMBER EMPLOYED—RATIO OF FATALITIES TO OUTPUT—METHOD OF MINING—UNDERGROUND HAULAGE—LOADING—ETC.

Operator.	Number of—				Tons mined to one fatality.	Em- ployees to one man killed.	Mining.		Haulage.	Loading.	Lights.	Rock dust.
	Dis- trict.	Killed.	Tons mined.	Em- ployees.			Hand, machine, both.	Motor, mule, both.				
Beckemeyer Coal Co.	8	4	59,825	114	14,056	29	Hand	Both	Both	Hand	Closed	No
Bed & Zoller Coal & Mining Co., No. 1.	10	1	933,474	623	933,474	623	Machine	Motor	Motor	Machine	Closed	Yes
Blue Bird Coal Co., No. 6.	11	1	738,439	112	738,439	112	Machine	Motor	Motor	Machine	Open	No
Brewerton Co., No. 81.	4	1	111,789	139	111,789	139	Machine	Both	Both	Machine	Open	No
Centralia Coal Co., No. 5.	9	3	170,905	227	59,668	76	Machine	Motor	Motor	Machine	Open	Yes
Chicago, Wilmington & Franklin C. Co., No. 1.	10	1	609,639	526	609,639	526	Machine	Motor	Motor	Machine	Closed	Yes
Chicago, Wilmington & Franklin C. Co., No. 2.	10	1	237,860	950	237,860	950	Machine	Motor	Motor	Machine	Closed	Yes
Consolidated Coal Co., New Monarch.	12	1	379,522	340	379,522	340	Machine	Motor	Motor	Machine	Open	No
Consolidated Coal Co., No. 7.	6	2	387,982	253	193,991	127	Machine	Both	Both	Hand	Open	No
Crescent Mining Co., No. 6.	2	1	464,907	534	464,907	534	Machine	Both	Both	Hand	Closed	No
Franklin County Coal Corp., No. 5.	10	1	462,976	507	451,703	507	Machine	Both	Both	Hand	Closed	Partly
Franklin County Coal Corp., No. 7.	10	1	451,703	507	451,703	507	Machine	Both	Both	Hand	Open	No
Lake Erie Mining Co.	2	3	70,958	134	35,479	67	Machine	Both	Both	Hand	Open	No
Lumaghi Coal Co., No. 2.	7	3	328,454	399	109,495	133	Machine	Motor	Motor	Both	Open	No
Lincoln Liquidating Corp.	6	1	103,360	128	103,360	128	Hand	Both	Both	Hand	Open	No
Madison County Coal & Mining Co.	7	1	197,406	170	197,406	170	Machine	Motor	Motor	Both	Open	No
Mine B Coal Co.	4	1										
Mt. Olive & Staunton Coal Co., No. 2.	7	3	380,089	493	130,030	164	Machine	Both	Both	Machine	Open	Partly
Old Ben Coal Corp., No. 8.	10	1	541,710	451	541,710	451	Machine	Motor	Motor	Machine	Closed	Yes
Old Ben Coal Corp., No. 15.	10	2	467,271	454	233,625	227	Machine	Motor	Motor	Machine	Closed	Yes
Peabody Coal Co., No. 7.	4	1	923,362	527	923,362	527	Machine	Motor	Motor	Machine	Both	Yes
Peabody Coal Co., No. 8.	4	2	950,278	527	475,139	264	Machine	Motor	Motor	Machine	Both	Yes
Peabody Coal Co., No. 9.	4	1	955,789	554	955,789	554	Machine	Motor	Motor	Machine	Both	Partly
Peabody Coal Co., No. 14.	9	1	364,003	524	364,003	524	Machine	Both	Both	Machine	Closed	Yes
Peabody Coal Co., No. 18.	10	1	421,545	494	421,545	494	Machine	Motor	Motor	Machine	Closed	Yes
Peabody Coal Co., No. 23.	5	3	455,157	547	148,386	182	Machine	Both	Both	Machine	Open	No
Peabody Coal Co., No. 44.	11	5	236,704	331	236,704	331	Both	Motor	Motor	Both	Closed	Yes
Peabody Coal Co., No. 47.	11	5	320,499	658	160,250	214	Machine	Both	Both	Machine	Open	Yes
Peabody Coal Co., No. 57.	4	2	455,320	427	177,776	166	Machine	Both	Both	Machine	Closed	Yes
Perry Coal Co., St. Ellen.	8	2	293,352	332	293,352	332	Machine	Both	Both	Machine	Open	No
Sahara Coal Co., No. 10.	11	1	355,553	430	293,352	430	Machine	Both	Both	Machine	Open	No
St. Louis Coal Co.	9	1	152,489	204	152,489	204	Machine	Both	Both	Machine	Open	No
St. Louis & O'Fallon Coal Co., No. 2.	8	1	300,900	375	300,900	375	Machine	Both	Both	Machine	Open	No
Seymour Coal Mining Co.	12	?	456,166	306	228,083	153	Both	Both	Both	Machine	Open	No
Superior Coal Co., No. 1.	6	1	408,707	390	408,707	390	Machine	Motor	Motor	Machine	Open	No
Superior Coal Co., No. 3.	6	1	645,576	458	645,576	458	Machine	Motor	Motor	Machine	Open	No
Truax-Tracer Coal Co., No. 2.	3	1	383,956	98	383,956	98	Strip			Machine	Open	No
Union Coal Co.	9	1	429,817	152	429,817	152	Strip			Machine	Open	No
Union Colliery Co.	9	1	121,816	325	121,816	325	Machine	Both	Both	Machine	Closed	Yes
United States Fuel Co., Bun.	5	2	782,840	625	782,840	625	Machine	Motor	Motor	Machine	Open	No
Valley Coal Co.	10	1	605,203	1,302	302,602	583	Machine	Motor	Motor	Machine	Closed	Yes
			1,043,794	583	1,043,794	583	Machine			Machine		

TABLE 39—TONS OF COAL MINED, NUMBER EMPLOYED, NUMBER KILLED AND INJURED, TONS MINED TO ONE MAN KILLED AND INJURED, AND RATIOS PER 1,000 EMPLOYED, AND PER 1,000,000 TONS MINED—1882-1938. INJURIES INVOLVING A LOSS OF 30 OR MORE DAYS TIME.

Year.	Tons mined.	Number employed.	Accidents.		Tons mined to one man.		Accidents.			
			Fatal.	Non-fatal.	Killed.	Injured.	Per 1,000 employed.		Per 1,000,000 tons mined.	
							Fatal.	Non-fatal.	Fatal.	Non-fatal.
1882.....	9,115,061	20,290	40	50	227,892	182,313	2.0	2.5	4.4	5.5
1883.....	10,508,785	23,939	134	231	78,424	45,493	5.6	9.1	12.8	22.0
1884.....	10,101,004	25,575	46	197	219,587	51,274	1.8	7.7	4.6	19.5
1885.....	9,791,874	25,946	39	147	251,074	66,611	1.5	5.7	4.0	15.0
1886.....	9,246,435	25,846	52	171	177,816	54,073	2.0	6.6	5.6	18.5
1887.....	10,278,890	28,804	41	180	250,905	57,105	1.5	6.7	4.0	17.5
1888.....	11,555,188	29,410	55	179	215,549	66,230	1.9	6.1	4.7	15.1
1889.....	11,597,963	30,076	42	201	276,142	57,701	1.4	6.7	3.6	17.3
1890.....	12,638,364	28,574	53	294	238,460	42,998	1.9	10.3	4.2	23.4
1891.....	15,660,698	32,951	60	367	261,012	42,672	1.9	11.1	3.9	23.4
1892.....	17,862,576	33,632	57	370	313,373	48,276	1.7	11.0	3.2	20.7
1893.....	19,949,564	35,390	69	403	289,124	49,502	1.9	11.4	3.5	20.2
1894.....	17,113,576	38,477	72	521	237,690	32,848	1.9	13.5	4.2	30.4
1895.....	17,735,864	38,630	75	605	236,478	29,315	1.9	15.7	4.2	34.1
1896.....	19,786,626	37,032	77	672	256,969	29,444	2.1	18.1	3.9	34.0
1897.....	20,072,758	33,788	69	518	290,909	38,750	2.0	15.3	3.4	25.8
1898.....	18,599,299	35,026	75	438	247,991	42,464	2.1	12.5	4.0	23.5
1899.....	23,434,445	36,901	84	597	278,981	39,254	2.3	16.2	3.6	25.5
1900.....	25,153,929	39,384	94	611	267,559	41,168	2.4	15.5	3.7	24.3
1901.....	26,685,319	44,143	99	422	269,549	63,235	2.2	9.6	3.8	15.8
1902.....	30,021,300	46,003	99	406	303,245	73,944	2.2	8.8	3.3	13.5
1903.....	34,955,400	49,814	156	410	224,073	85,257	3.1	8.2	4.5	11.7
1904.....	37,077,897	54,774	157	507	236,165	73,132	2.9	9.3	4.2	13.7
1905.....	37,183,374	59,230	199	535	185,852	69,502	3.4	9.0	5.4	14.4
1906.....	38,317,581	62,283	155	480	247,210	79,828	2.5	7.7	4.0	12.5
1907.....	47,798,621	66,714	165	636	289,689	75,155	2.5	9.5	3.5	13.3
1908.....	49,272,430	70,841	183	819	269,248	60,162	2.6	11.6	3.7	16.6
1909.....	49,163,716	72,733	213	894	230,816	54,993	2.9	12.3	4.3	18.2
1910.....	48,717,853	74,634	406	742	119,995	65,657	5.4	9.9	8.3	15.2
1911.....	50,165,099	77,410	157	709	319,523	70,755	2.0	9.2	3.1	14.2
1912.....	57,514,240	79,411	180	800	315,524	71,893	2.3	10.7	3.1	13.9
1913.....	61,846,264	79,497	175	1,025	353,407	60,338	2.2	12.9	2.8	16.2
1914.....	60,715,795	80,035	159	1,079	381,860	56,591	2.0	13.4	2.6	17.6
1915.....	57,601,694	75,607	180	1,013	320,009	56,870	2.4	13.4	3.1	17.6
1916.....	63,673,530	75,919	165	1,305	385,900	48,792	2.2	17.2	2.6	20.5
1917.....	78,983,517	80,893	207	1,634	381,563	48,338	2.6	20.2	2.6	20.7
1918.....	89,979,469	91,372	259	2,161	347,411	41,638	2.8	23.7	2.9	24.0
1919.....	75,099,784	90,897	208	2,620	361,057	28,664	2.3	28.8	2.8	34.9
1920.....	73,920,653	88,192	181	3,571	408,401	20,700	2.5	40.5	2.4	48.3
1921.....	80,121,948	95,763	222	4,327	360,910	18,517	2.3	45.2	2.8	54.0
1922.....	63,276,827	98,090	159	3,879	397,962	16,315	1.6	39.5	2.5	61.3
1923.....	75,514,095	103,566	161	3,615	469,032	20,889	1.6	34.9	2.1	47.9
1924.....	72,308,665	99,765	184	3,895	392,982	18,565	1.8	39.0	2.5	53.9
1925*.....	103,186,166	81,684	183	4,712	563,859	21,713	2.4	57.7	1.8	46.0
1926.....	69,813,255	77,732	165	3,083	423,111	22,642	2.1	39.7	2.4	44.2
1927.....	46,949,700	78,572	106	1,398	442,922	33,583	1.3	18.0	2.3	29.8
1928.....	56,211,082	65,508	139	2,176	404,396	25,832	2.1	33.2	2.5	38.7
1929.....	61,127,759	58,596	109	2,392	560,805	25,556	1.9	40.8	1.8	39.1
1930.....	54,035,116	56,011	112	1,649	482,456	32,768	2.0	29.4	2.1	30.5
1931.....	45,152,623	53,550	90	1,530	501,696	29,512	1.7	28.6	2.0	33.9
1932.....	34,120,786	51,554	114	951	299,305	35,879	2.2	18.4	3.3	27.9
1933.....	38,320,125	48,464	71	1,197	539,720	32,013	1.5	24.6	1.9	31.5
1934.....	41,724,078	49,499	86	1,112	485,164	37,522	1.8	22.7	2.1	26.6
1935.....	45,013,278	49,100	82	1,225	548,907	36,743	1.7	27.2	1.8	24.9
1936.....	51,475,899	49,142	93	1,145	553,504	44,957	1.9	23.2	1.8	22.2
1937.....	52,432,255	46,580	83	1,023	631,714	51,253	1.7	21.9	1.6	19.5
1938.....	42,387,368	43,420	84	816	504,612	51,945	1.9	18.7	1.9	19.2
Average—57 years....	41,108,837	56,573	126	1,204	326,260	34,143	2.2	21.2	3.0	29.2

\* July 1, 1924 to December 31, 1925.

TABLE 40—NON-FATAL ACCIDENTS BY DISTRICTS AND MONTHS—1938.

District.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Monthly tabulation.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.		Month.	Number injured.
						Total.	Average.		Total.	Average.		
First District—											January—	
Shipping.....	84	12	1,869	26	51	781	16	21	1,088	52	Shipping.....	231
Local.....	25	4	722	34	15	229	15	6	493	82	Local.....	38
Second District—											February—	
Shipping.....	61	3	2,307	40	28	428	15	30	1,879	63	Shipping.....	188
Local.....	32	4	983	35	14	229	16	14	754	54	Local.....	18
Third District—											March—	
Shipping.....	45	7	903	24	25	337	13	13	566	44	Shipping.....	189
Local.....	33	6	702	26	19	319	17	8	383	48	Local.....	20
Fourth District—											April—	
Shipping.....	362	44	10,731	34	195	2,901	15	123	7,830	64	Shipping.....	141
Local.....	18	4	496	35	7	120	17	7	376	54	Local.....	10
Fifth District—											May—	
Shipping.....	118	17	3,689	37	49	755	15	52	2,934	56	Shipping.....	88
Local.....	44	3	1,411	35	21	377	18	20	1,034	52	Local.....	8
Sixth District—											June—	
Shipping.....	271	56	8,506	39	110	1,577	14	105	6,929	66	Shipping.....	141
Local.....	6	2	228	57	2	45	23	2	183	92	Local.....	6
Seventh District—											July—	
Shipping.....	137	16	4,095	34	63	966	15	58	3,129	54	Shipping.....	115
Local.....	36	7	798	28	18	312	17	11	486	44	Local.....	11
Eighth District—											August—	
Shipping.....	83	10	2,236	31	43	652	15	30	1,584	53	Shipping.....	141
Local.....	36	7	1,124	39	19	317	17	10	807	81	Local.....	22
Ninth District—											September—	
Shipping.....	200	32	4,743	28	112	1,598	14	56	3,145	56	Shipping.....	160
Local.....	8	1	253	36	6	89	15	1	164	164	Local.....	20
Tenth District—											October—	
Shipping.....	300	52	10,221	41	120	1,814	15	128	8,407	66	Shipping.....	198
Local.....	5	1	52	13	4	52	13				Local.....	34
Eleventh District—											November—	
Shipping.....	267	39	8,015	35	131	1,936	15	97	6,079	63	Shipping.....	208
Local.....	6	2	47	24	4	47	12				Local.....	35
Twelfth District—											December—	
Shipping.....	49	7	2,004	48	22	320	15	20	1,684	84	Shipping.....	177
Local.....	14	2	336	28	8	136	17	4	200	30	Local.....	41
Total shipping mines.....	1,977	295	59,319	35	949	14,065	15	733	45,254	62		1,977
Total local mines.....	263	43	7,152	32	137	2,272	18	83	4,880	39		263
Total all mines.....	2,240	338	66,471	35	1,086	16,337	15	816	50,134	61		2,240





# REPORT OF STATE INSPECTORS

## FIRST DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the First Inspection District, comprising the coal producing counties of Bureau, Grundy, Henry, La Salle, Livingston, Mercer, Putnam, Rock Island and Will for the year ending December 31, 1938.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
STEVE L. FALETTA, *Inspector.*

### FIRST DISTRICT.

	1938	1937	1936	1935	1934
Number of counties producing coal	9	9	9	9	9
Number of shipping mines	9	12	12	9	7
Number of local mines	102	113	149	170	197
Number of employees underground	1,798	2,085	2,203	2,273	2,261
Number of employees on surface	1,082	1,159	1,275	1,122	1,100
Total number employed	2,880	3,244	3,478	3,395	3,361
Tons of coal produced in shipping mines	2,202,436	2,452,644	2,452,586	1,930,673	1,777,138
Tons of coal produced in local mines	443,653	521,373	722,483	659,754	576,731
Tons of coal produced, total	2,646,089	2,974,017	3,175,069	2,590,427	2,353,869
Days operated, shipping mines, average	168	147	112	192	180
Days operated, local mines, average	116	116	156	117	111
Number of undercutting machines	21	28	25	25	20
Tons undercut	264,238	331,827	410,715	320,465	298,683
Tons mined by hand	288,494	378,642	473,187	548,713	496,082
Tons mined in strip mines	2,093,357	2,263,548	2,291,167	1,721,249	1,559,104
Number of loading machines used					
Tons loaded mechanically					
Number of fatal accidents	3	3		7	9
Number of non-fatal accidents	109	203	218	210	216
Number of employees to each fatality	960	1,081	3,478	485	373
Number employed to each non-fatal accident	27	16	16	16	14.6
Tons of coal mined to each fatality	882,030	991,339	3,175,069	370,061	261,541
Tons of coal mined to each non-fatal accident	24,276	14,650	14,564	12,335	10,898
Number of fatalities per 1,000 employed	.1	.9		2.1	2.7
Number injured per 1,000 employed	37.8	62.5	62.4	61.8	64.3

## CHANGE OF NAME

Illinois Zinc Company, No. 3 to Peru Deep Vein Coal Company, LaSalle County.

## CHANGED TO LOCAL MINE

Prairie State Coal Company, Putnam County.

## FATAL ACCIDENTS.

January 18, Ralph Walker, miner, aged 35 years, married, killed by fall of rock in No. 1 mine of the Valley View Coal Co. leaving widow and four children.

March 10, David Bartley Thompson, miner, aged 49 years, married, electrocuted in Valley View mine, leaving wife and three children.

May 24, Louis Joseph St. Catherine, miner, aged 60 years, married, killed by fall of rock in Union mine of the Union Coal Co. leaving widow.



## BUREAU COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES							
S-1	Spring Valley Coal Mining Co., No. 3	Spring Valley	45,743	1,603			41,096
LOCAL MINES							
L-1	L. F. Brandt & Son	Mineral	2,700				2,700
L-2	*Comp Coal Mine	Sheffield	499				495
L-2	*Comp Coal Mine	Sheffield	300				300
L-3	Gilbert Pollock	Sheffield	1,224				1,224
L-5	Oscar Carlson	Mineral	133				118
L-6	Indian Hill Coal Mine	Mineral	3,157				3,147
L-7	Jenkins & Crosland, No. 2	Mineral	1,684				1,629
L-39	*Sheffield Mining Co.	Sheffield	3,325				3,325
L-39	*Coals Creek Coal Co.	Sheffield	1,039				1,039
L-40	Katcher & Lesak	Streator	212				208
8 local mines total			14,273				14,185
9 all mines total			60,016	1,603			55,281

## GRUNDY COUNTY

LOCAL MINES.							
L-1	Morocco Mine	Morris	67,676				65,076
L-2	Verona Coal Mining Co.	Verona	30,818				27,880
L-3	*Skinner Coal Co.	South Wilmington	6,842				6,292
L-3	*South Wilmington Coal Co., No. 3	South Wilmington	12,386				11,551
L-5	Truckers Coal Co.	Braceville	1,221				1,186
L-7	Clark City Wilmington Coal Co., No. 1	Gardner	1,236				1,086
L-11	Robert Condon, No. 2	Morris	2,270				2,260
L-13	Heather Coal Co., No. 2	Morris	68				62
L-14	Coal City Coal Co., No. 1	Coal City	2,109				1,799
	8 local mines total		124,626				117,192

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
2,689	355	229	107								45,743		40	S-1
		8	200	40							2,700			L-1
4		*7	95	20							499			*L-2
		*7	50	15							300			*L-2
		6	260	40							1,224			L-3
15		4	20								133			L-5
10		8	200	320							3,157			L-6
55		9	144	43							1,684			L-7
		*10	28									3,325		*L-39
		*8	14			30						1,039		*L-39
4		3	96		25							212		L-40
88		54	138	478	25	30					9,697	4,576		
2,777	355	283	135	478	25	30					55,440	4,576		

## FIRST DISTRICT.

100	2,500	18	200		20,000							67,676		L-1
	2,938	33	146					2	1	30,818			4	L-2
550		*69	56	3							6,842		8	*L-3
810	25	*88	79	53							12,386		10	*L-3
35		39	122	99							1,221			L-5
150		8	168		1,200						1,236		1	L-7
10		7	145	88							2,270			L-11
6		3	27								68			L-13
310		7	290	1	250			1		379	1,730			L-14
1,971	5,463	194	154	244	21,450			3	1	31,197	25,753	67,676	14	

## HENRY COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-1	Midland Electric Coal Corp., No. 1.....	Atkinson.....	538,684	379,908	140,606	-----	7,684
S-2	Shuler Coal Co., No. 2.....	Alpha.....	65,499	26,208	9,603	-----	27,317
2 shipping mines total.....			604,183	406,116	150,209	-----	35,001
LOCAL MINES.							
L-1	Valley View Coal Co., No. 2.....	Coal Valley.....	15,885	-----	-----	-----	15,660
L-2	Warner Coal Co.....	Orion.....	26,263	-----	-----	-----	26,163
L-3	Quality Mining Co., Inc.....	Geneseo.....	3,508	-----	-----	-----	3,308
L-4	Black Hawk Coal Co.....	Coal Valley.....	2,903	-----	-----	-----	2,899
L-5	Lamb & Powers.....	Kewanee.....	3,140	-----	-----	-----	3,136
L-6	Pettit & Head.....	Kewanee.....	3,051	-----	-----	-----	3,047
L-8	Chas. Oltman & Son.....	Geneseo.....	805	-----	-----	-----	782
L-9	Crescent Coal Co.....	Kewanee.....	2,864	-----	-----	-----	2,648
L-10	Long View Coal Co.....	Coal Valley.....	7,666	-----	-----	-----	7,653
L-11	Kewanee Coal Co.....	Kewanee.....	2,095	-----	-----	-----	1,711
L-13	Vernie Richardson.....	Coal Valley.....	10	-----	-----	-----	10
L-15	Ratchliffe Fuel Co.....	Kewanee.....	1,106	-----	-----	-----	1,106
L-16	Crescent Coal & Mining Co.....	Moline.....	2,410	-----	-----	-----	2,410
L-17	B. & H. Coal Co.....	Coal Valley.....	139	-----	-----	-----	139
L-18	*Lyle Bros.....	Kewanee.....	270	-----	-----	-----	250
L-18	*Ripka Coal Co.....	Kewanee.....	108	-----	-----	-----	108
L-19	New Deal Coal Co.....	Kewanee.....	1,026	-----	-----	-----	956
L-20	Abb Hodgett.....	Kewanee.....	655	-----	-----	-----	565
L-21	New North East Coal Co.....	Kewanee.....	1,226	-----	-----	-----	1,183
L-23	Rock River Coal Co.....	Coal Valley.....	554	-----	-----	-----	554
L-24	Star Coal Mine.....	Kewanee.....	419	-----	-----	-----	419
L-27	New Square Deal Coal Co.....	Kewanee.....	920	-----	-----	-----	897
L-28	Peiser, No. 1.....	Coal Valley.....	134	-----	-----	-----	134
L-29	Spring Creek Coal Co.....	Geneseo.....	305	-----	-----	-----	305
L-31	West Geneseo Coal Co.....	Geneseo.....	175	-----	-----	-----	175
L-33	Edford Coal Co.....	Geneseo.....	91	-----	-----	-----	64
25 local mines total.....			77,728	-----	-----	-----	76,282
27 all mines total.....			681,911	406,116	150,209	-----	111,283

## LA SALLE COUNTY

SHIPPING MINES.							
S-1	Buffalo Rock Coal Co.....	Ottawa.....	23,900	7,585	347	-----	13,984
S-2	Peru Deep Vein Coal Co., No. 3	Peru.....	54,638	17,310	-----	-----	35,662
S-3	Union Coal Co.....	Peru.....	121,816	45,109	-----	-----	75,561
S-4	Wilmington Coal Mines, Inc....	Morris.....	15,665	12,459	-----	-----	3,206
S-5	Osage Coal Co., No. 1.....	Ottawa.....	84,473	14,756	1,740	-----	65,016
5 shipping mines total.....			300,492	97,219	2,087	-----	193,429

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
5,230	5,256	140	260			700	63,074							
1,612	759	163	170	6,428							65,499	538,684	26	S-1
6,842	6,015	303	215	6,428		700	63,074				65,499	538,684	26	S-2
40	185	46	130	979					2		15,885		7	L-1
100		50	143	2,264					1		20,263		5	L-2
200		18	125	325						3,508			3	L-3
4		9	100		3,250						2,903		2	L-4
4		7	175								3,140		1	L-5
4		7	180								3,051			L-6
23		9	116	81							805			L-8
216		7	267								2,864			L-9
13		10	286	50	9,200						7,666		2	L-10
384		7	160	150							2,095			L-11
		2	8								10			L-13
		6	96	110							1,106			L-15
		8	119		5,000						2,410		2	L-16
		4	35	9							139		1	L-17
20		*5	60								270			*L-18
		*4	20								108			*L-18
70		7	171								1,026			L-19
90		4	90								655			L-20
35	8	4	213								1,226			L-21
		5	45	51							554		1	L-23
		5	200	25							419			L-24
23		7	146	7							920			L-27
		4	35	4							134			L-28
		8	67	40							305			L-29
		4	45		500						175			L-31
27		4	50	17							91			L-33
1,253	193	247	123	4,112	17,950			1	3	3,508	74,220		24	
8,095	6,208	550	130	10,540	17,950	700	63,074	1	3	3,508	139,719	538,684	50	

## FIRST DISTRICT.

325	1,984	22	90		3,500							23,900		S-1
180	1,341	135	177			1,200		1	2	54,638			11	S-2
	966	325	211					5		121,816			40	S-3
		32	52		10,000							15,665		S-4
2,961		68	173		2,000							84,473		S-5
3,466	4,291	582	141		15,500	1,200		6	3	176,454		124,038	51	

## LA SALLE COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-3	French Coal Co.	Streator	13,019				13,019
L-7	Chicago Retort & Fire Brick Co.	Ottawa	4,765				
L-8	*Marseilles & Ottawa Coal Co.	Marseilles	3,000				2,808
L-8	*Illinois Valley Coal Co., Inc.	Marseilles	4,045				3,675
L-9	W. H. Munts	Streator	1,037				1,037
L-10	Spring Lake Coal Co.	Streator	10,295				10,295
L-13	Streator Union Coal Co.	Streator	1,338				1,338
L-16	Mitchell & Brown	Streator	918				912
L-17	Blue Eagle Coal Co.	Streator	1,121				1,121
L-19	Wm. C. Stevenson, No. 1	Ottawa	60				50
L-20	Andrew Kollar	Streator	601				601
L-22	Baldoni Coal Co.	Ottawa	360				360
L-24	Frank Roth	Ottawa	32				29
L-26	Ottawa Mining Co.	Ottawa	15,340				15,340
L-27	Fox River Clay Works	Dayton	139				89
L-28	*McMillin Bros	Streator	290				280
L-28	*Oak Coal Co.	Streator	535				535
L-30	William Woods, No. 2	Streator	47				47
L-31	Seventh Street Mine	Streator	195				195
L-32	Moran Coal Co.	Streator	1,453				1,453
L-34	Joe Senko	Streator	300				300
L-37	John Johnson	Ottawa	172				162
L-40	Brown Coal Co.	Ottawa	491				491
L-41	Thirl Costen, No. 1	Tonica	86				86
L-45	Brooker Bros	Utica	569				569
L-50	William Pettigrew	Tonica	60				39
L-65	Fetters & Ratliff	Tonica	177				177
L-82	Deer Coal Co.	Ottawa	650				600
L-85	Noonan Mining Co.	Streator	169				159
L-86	Lowell Strip Mine	Streator	204				170
L-87	Balett & Talbot Coal Co.	Streator	236				236
L-88	West Side Coal Co.	Streator	125				123
L-96	Roy Meyers	Ottawa	530				416
31 local mines total			62,359				56,712
36 all mines total			362,851	97,219	2,087		250,141

## LIVINGSTON COUNTY

LOCAL MINES.							
L-1	Coalville Coal Co.....	Streator.....	6,984	-----	-----	-----	6,984
L-3	Indian Creek Coal Co.....	Fairbury.....	6,048	-----	-----	-----	5,746
L-6	John J. Barry.....	Streator.....	276	-----	-----	-----	276
L-9	Dennis Hamilton.....	Streator.....	70	-----	-----	-----	64
L-15	Hyduk Coal Co.....	Streator.....	200	-----	-----	-----	49
L-16	Guyon & Liptak.....	Streator.....	180	-----	-----	-----	153
L-23	Thos. Kaschak.....	Streator.....	280	-----	-----	-----	280
L-24	Gall & Wargo Coal Co.....	Streator.....	76	-----	-----	-----	74
L-26	Mill Dam Coal Co.....	Streator.....	625	-----	-----	-----	600
L-29	Balett & Talbot Coal Co.....	Streator.....	642	-----	-----	-----	630
10 local mines total.....			15,381	-----	-----	-----	14,856

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
4,765		26	203		8,000			1		10,000	3,019		2	L-3
192		9	57	90								4,765		L-7
370		33	*70	5		25		*1		3,000			3	*L-8
		36	*76	8				*1		1,735	2,310		3	*L-8
		16	65	38							1,037		2	L-9
		7	191									10,295		L-10
		4	190								1,338			L-13
6		3	196	45							918			L-16
		4	180	80							1,121			L-17
	10	6	12									60		L-19
		4	112		200							601		L-20
		2	190	12							360			L-22
3		4	26	1							32			L-24
		10	189			4,000						15,340		L-26
50		3	18									139		L-27
10		*5	75	4							290		*1	*L-28
		*4	75	12							535		*1	*L-28
		2	14	1								47		L-30
		4	103	20							195			L-31
		5	168	73							1,453			L-32
		4	150	15							300		1	L-34
10		2	102									172		L-37
		1	100									491		L-40
		2	43	4							86			L-41
		3	140	18							569		1	L-45
11	10	2	60		100						60			L-50
		4	65	8							177			L-65
50		4	51		150							650		L-82
10		5	28		50	60						169		L-85
5	29	7	40									204		L-86
		4	35		100							236		L-87
2		5	27	3							125			L-88
99	15	2	50									530		L-96
5,583	64	194	100	437	8,600	4,085		2		14,735	13,925	33,699	9	
9,049	4,355	776	106	437	24,100	5,285		8	3	191,189	13,925	157,737	60	

## FIRST DISTRICT.

		34	162	615							6,984		3	L-1
250	52	14	97	875				1		6,048			4	L-3
		2	79									276		L-6
3	3	2	32								70			L-9
1	150	2	150									200		L-15
27		3	61	1								180		L-16
		3	60	10							280			L-23
2		3	50	2							76			L-24
25		4	111	11							625			L-26
10	2	5	75		75							642		L-29
318	207	72	79	1,514	75			1		6,048	8,035	1,298	7	

## MERCER COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Pease Coal Co.....	Viola.....	2,600				2,100
L-2	Frye & Bollman.....	Viola.....	5,017				4,894
L-3	O'Rourke & Bugas.....	Matherville.....	3,174				3,174
L-4	Essley Coal Co., No. 2.....	Viola.....	3,402				3,202
L-5	C. J. Dorman, No. 2.....	Viola.....	1,200				1,196
L-7	Four-In-One Coal Co.....	Viola.....	1,939				1,700
L-8	*Eithel Richardson.....	Viola.....	48				48
L-8	*Ethel Skinner.....	Viola.....	551				546
L-9	Lee Bros. & Co.....	Matherville.....	623				623
L-11	Charles Smith.....	Viola.....	217				197
L-15	*Lone Star Mine.....	Viola.....	70				70
L-15	*Little Star Coal Co.....	Viola.....	20				18
L-16	J. M. Guthrie Coal Co.....	Viola.....	2,687				2,687
L-18	James M. Docherty & Son.....	Reynolds.....	390				388
	12 local mines total.....		21,938				20,843

## PUTNAM COUNTY

<b>LOCAL MINES</b>							
L-2	Prairie State Coal Co.....	Mark.....	25,600	-----	-----	-----	23,600

## ROCK ISLAND COUNTY

<b>LOCAL MINES.</b>							
L-1	Mielke Bros.....	Coal Valley.....	22,070	-----	-----	-----	21,545
L-2	Woolley-Peters & Lawson.....	Coal Valley.....	2,786	-----	-----	-----	2,786
L-3	Rural Coal Co.....	Coal Valley.....	1,826	-----	-----	-----	1,826
L-4	Fryce Coal Mine.....	Coal Valley.....	626	-----	-----	-----	620
L-6	Ed Stoehr & Sons.....	Moline.....	1,430	-----	-----	-----	1,412
L-7	James Utts.....	Coal Valley.....	1,642	-----	-----	-----	1,642
	6 local mines total.....	-----	30,380	-----	-----	-----	29,831

## WILL COUNTY

<b>SHIPPING MINES.</b>							
S-1	Northern Illinois Coal Corp., No. 10.....	Wilmington.....	1,252,018	807,198	286,828	-----	146,872
<b>LOCAL MINES.</b>							
L-1	Wilmington Coal Mining Corp.	Morris.....	71,368	-----	-----	-----	69,668
	2 all mines total.....	-----	1,323,386	807,198	286,828	-----	216,540

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number of animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
500	-----	13	140	55	-----	-----	-----	1	-----	2,600	-----	-----	3	L-1
123	-----	12	139	366	-----	-----	-----	-----	-----	-----	5,017	-----	1	L-2
-----	-----	19	90	317	-----	-----	-----	-----	-----	-----	3,174	-----	2	L-3
200	-----	16	97	380	-----	-----	-----	-----	-----	-----	3,402	-----	2	L-4
4	-----	6	200	150	-----	-----	-----	-----	-----	-----	1,200	-----	2	L-5
200	39	5	125	190	-----	-----	-----	-----	-----	-----	1,939	-----	1	L-7
-----	-----	*7	9	1	-----	-----	-----	-----	-----	-----	48	-----	*	L-8
5	-----	*12	43	24	-----	-----	-----	-----	-----	-----	551	-----	*2	L-8
-----	-----	3	73	-----	1,200	-----	-----	-----	-----	-----	623	-----	1	L-9
6	14	*3	102	34	-----	-----	-----	-----	-----	-----	217	-----	-----	L-11
-----	-----	*3	60	10	-----	-----	-----	-----	-----	-----	70	-----	-----	*L-15
2	-----	*3	14	6	-----	-----	-----	-----	-----	-----	20	-----	-----	*L-15
-----	-----	8	180	212	-----	-----	-----	-----	-----	-----	2,687	-----	1	L-16
2	-----	3	150	38	-----	-----	-----	-----	-----	-----	390	-----	-----	L-17
1,042	53	101	119	1,783	1,200	-----	-----	1	-----	2,600	19,338	-----	15	-----

## FIRST DISTRICT.

2,000	-----	334	34	-----	-----	-----	-----	5	2	16,000	9,600	-----	36	L-2
-------	-------	-----	----	-------	-------	-------	-------	---	---	--------	-------	-------	----	-----

## FIRST DISTRICT.

75	450	45	185	-----	13,700	-----	-----	1	-----	11,870	10,200	-----	7	L-1
-----	-----	6	210	257	-----	-----	-----	-----	-----	-----	2,786	-----	1	L-2
-----	-----	6	100	-----	400	-----	-----	1	1	1,826	-----	-----	1	L-3
6	-----	6	94	156	500	-----	-----	-----	-----	-----	626	-----	1	L-4
10	8	9	143	100	-----	-----	-----	-----	-----	-----	1,430	-----	-----	L-6
-----	-----	11	134	-----	1,000	-----	-----	-----	-----	-----	1,642	-----	2	L-7
91	458	83	144	513	15,600	-----	-----	2	1	13,696	16,684	-----	12	-----

## FIRST DISTRICT.

6,670	4,450	465	270	-----	23,700	98,900	2,300	-----	-----	-----	1,252,018	-----	-----	S-1
200	1,500	22	210	-----	-----	-----	-----	-----	-----	-----	71,368	-----	-----	L-1
6,870	5,950	487	240	-----	23,700	98,900	2,300	-----	-----	-----	1,323,386	-----	-----	-----

## FIRST DISTRICT SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					All coal not sold including waste.
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	
Bureau .....	1	45,743	1,603	-----	-----	41,096	2,689	355
Henry .....	2	604,183	406,116	150,209	-----	35,001	6,842	6,015
LaSalle .....	5	300,492	97,219	2,087	-----	193,429	3,466	4,291
Will .....	1	1,252,018	807,198	286,828	-----	146,872	6,670	4,450
Total .....	9	2,202,436	1,312,136	439,124	-----	416,398	19,667	15,111

## LOCAL

Bureau .....	8	14,273	-----	-----	-----	14,185	88	-----
Grundy .....	8	124,626	-----	-----	-----	117,192	1,971	5,463
Henry .....	25	77,728	-----	-----	-----	76,282	1,253	193
LaSalle .....	31	62,359	-----	-----	-----	56,712	5,583	64
Livingston .....	10	15,381	-----	-----	-----	14,856	318	207
Mercer .....	12	21,938	-----	-----	-----	20,843	1,042	53
Putnam .....	1	25,600	-----	-----	-----	23,600	2,000	-----
Rock Island .....	6	30,380	-----	-----	-----	29,831	91	458
Will .....	1	71,368	-----	-----	-----	69,668	200	1,500
Total .....	102	443,653	-----	-----	-----	423,169	12,546	7,938

## ALL

Bureau .....	9	60,016	1,603	-----	-----	55,281	2,777	355
Grundy .....	8	124,626	-----	-----	-----	117,192	1,971	5,463
Henry .....	27	681,911	406,116	150,209	-----	111,283	8,095	6,208
LaSalle .....	36	362,851	97,219	2,087	-----	250,141	9,049	4,355
Livingston .....	10	15,381	-----	-----	-----	14,856	318	207
Mercer .....	12	21,938	-----	-----	-----	20,843	1,042	53
Putnam .....	1	25,600	-----	-----	-----	23,600	2,000	-----
Rock Island .....	6	30,380	-----	-----	-----	29,831	91	458
Will .....	2	1,323,386	807,198	286,828	-----	216,540	6,870	5,950
Total .....	111	2,646,089	1,312,136	439,124	-----	839,567	32,213	23,049

## RECAPITULATION BY COUNTIES.

Total em- ploys.	Days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.			Machine.	Hand.	Stripping.	
229	107	-----	-----	-----	-----	-----	-----	-----	45,743	-----	40
303	215	6,428	-----	700	63,074	-----	-----	-----	65,499	538,684	26
582	141	-----	15,500	1,200	-----	6	3	176,454	-----	124,038	51
465	270	-----	23,700	98,900	2,300	-----	-----	-----	-----	1,252,018	-----
1,579	168	6,428	39,200	100,800	65,374	6	3	176,454	111,242	1,914,740	117

## MINES.

54	138	478	25	30	-----	-----	-----	-----	9,697	4,576	-----
194	154	244	21,450	-----	-----	3	1	31,197	25,753	67,676	14
247	123	4,112	17,950	-----	-----	1	3	3,508	74,220	-----	24
194	100	437	8,600	4,085	-----	2	-----	14,735	13,925	33,699	9
72	79	1,514	75	-----	-----	1	-----	6,048	8,035	1,298	7
101	119	1,783	1,200	-----	-----	1	-----	2,600	19,338	-----	2
334	34	-----	-----	-----	-----	5	2	16,000	9,600	-----	36
83	144	513	15,600	-----	-----	2	1	13,696	16,684	-----	12
22	210	-----	-----	-----	-----	-----	-----	-----	-----	71,368	-----
1,301	116	9,081	64,900	4,115	-----	15	7	87,784	177,252	178,617	104

## MINES.

283	135	478	25	30	-----	-----	-----	-----	55,440	4,576	-----
194	154	244	21,450	-----	-----	3	1	31,197	25,753	67,676	14
550	130	10,540	17,950	700	63,074	1	3	3,508	139,719	538,684	50
776	106	437	24,100	5,285	-----	8	3	191,189	13,925	157,737	60
72	79	1,514	75	-----	-----	1	-----	6,048	8,035	1,298	7
101	119	1,783	1,200	-----	-----	1	-----	2,600	19,338	-----	2
334	34	-----	-----	-----	-----	5	2	16,000	9,600	-----	36
83	144	513	15,600	-----	-----	2	1	13,696	16,684	-----	12
487	240	-----	23,700	98,900	2,300	-----	-----	-----	-----	1,323,386	-----
2,880	120	15,509	104,100	104,915	65,374	21	10	264,238	288,494	2,093,357	221

## SECOND DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Second Inspection District, comprising the coal producing counties of Marshall, Peoria, Stark, Tazewell and Woodford, for the year ending December 31, 1938.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
GEORGE H. DEEMY, *Inspector.*

## SECOND DISTRICT.

	1938	1937	1936	1935	1934
Number of counties producing coal.....	5	5	5	5	5
Number of shipping mines.....	7	8	8	8	8
Number of local mines.....	90	101	125	114	125
Number of employees underground.....	2,308	2,356	2,525	2,503	2,650
Number of employees on surface.....	227	372	265	277	262
Total number employed.....	2,535	2,728	2,790	2,780	2,912
Tons of coal produced in shipping mines.....	1,079,777	1,311,027	1,564,677	1,460,046	1,568,939
Tons of coal produced in local mines.....	466,542	562,278	503,449	486,377	432,577
Tons of coal produced, total.....	1,546,319	1,873,305	2,068,126	1,946,423	2,001,516
Days operated, shipping mines, average.....	110	140	165	173	181
Days operated, local mines, average.....	139	151	118	120	134
Number of undercutting machines.....	87	92	96	92	93
Tons undercut.....	1,358,936	1,627,047	1,824,092	1,665,255	1,694,914
Tons mined by hand.....	182,616	246,258	243,114	279,468	304,002
Tons mined in strip mines.....	4,767	-----	920	1,700	2,600
Number of loading machines used.....	3	3	3	2	-----
Tons loaded mechanically.....	141,797	126,811	106,621	30,730	-----
Number of fatal accidents.....	4	3	5	4	3
Number of non-fatal accidents.....	93	132	120	170	154
Number of employees to each fatality.....	634	909	558	695	971
Number employed to each non-fatal accident.....	27.3	20.6	23	16	18.9
Tons of coal mined to each fatality.....	386,580	624,435	413,625	486,606	667,172
Tons mined to each non-fatal accident.....	16,627	14,192	17,234	11,450	12,997
Number of fatalities per 1,000 employed.....	1.6	1.0	1.8	1.4	1.0
Number injured per 1,000 employed.....	36.7	48.4	43.0	61.1	52.9

## ABANDONED MINES.

Central West Coal Company, No. 3, Peoria County.

## FATAL ACCIDENTS.

February 10, Joseph Neltner, miner, aged 32 years, married, killed by fall of coal in No. 1 mine of the Lake Erie Mining Co., leaving widow and four children.

September 21, August Heitzman, miner, aged 44 years, married, killed by fall of slate in No. 1 mine of the Treasure Coal Co., leaving widow and one child.

December 18, David Thrush, miner and machine helper, aged 64 years, widower, killed by fall of slate in No. 1 mine of the Lake Erie Mining Co., leaving daughter and two grandchildren dependent.

December 31, Gether Long, mule driver, aged 46 years, divorced, killed by falling under car in mine No. 6 of the Crescent Mining Co., leaving one child dependent.

FATAL ACCIDENTS, SECOND DISTRICT—1938.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Sept. 21	Sept. 21	August Heitzman	44	Miner	Bartonville	Treasure Coal Co.	1	1	1	1	1	2	Fall of rock.
Feb. 10	Feb. 11	Joseph Neltner	32	Miner	Peoria	Lake Erie Mining Co.	1	1	1	1	4	5	Fall of top coal.
Dec. 18	Dec. 18	David Thrush	64	Miner	Peoria	Lake Erie Mining Co.	1	1	1	1	1	3	Fall of rock.
Nov. 16	Dec. 31	Gether Long	46	Mule driver	Peoria	Crescent Mining Co.	6	1	1	1	1	1	Crushed by car.





## MARSHALL COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Eagle Coal Co. ....	Sparland.	1,106				1,106
L-2	C. F. Davis .....	Sparland.	429				429
L-3	J. H. Pearson .....	Henry .....	674				674
L-4*	Babington Bros. ....	Sparland.	175				163
L-4*	Green & Davis .....	Sparland.	368				368
L-5	W. H. Simpson .....	Sparland.	702				702
L-6	McKinley Kear .....	Sparland.	515				515
L-8	Krantz & Bevar .....	Sparland.	102				102
L-10	Walter E. Crew .....	Sparland.	689				689
L-11*	Wilbur Nighswonger ..	Sparland.	48				45
L-11*	Hunt Coal Co. ....	Sparland.	161				161
L-14	Frank Colwell .....	Henry .....	290				290
L-16	Robert E. Crew No. 2 ..	Sparland.	57				54
L-17	Thos. Lopeman .....	Sparland.	378				378
L-18	Johnson & Wilkins ..	Sparland.	96				90
L-22	William Hillman .....	Sparland.	161				161
L-26	Vincent Dobrich .....	Sparland.	28				28
15 local mines, total .....			5,979				5,955

## PEORIA COUNTY

SHIPPING MINES.							
S-1	Crescent Mining Co., No. 1	Peoria	466,598	3,870	459,318		2,927
S-2	Crescent Mining Co., No. 6	Peoria	464,907	50,511	364,307		49,414
S-3	Dorthel Coal Co. No. 1	Hanna City	13,544	2,294	6,335		4,815
3 shipping mines total			945,049	56,675	829,960		57,156
LOCAL MINES.							
L-1	Edward Mohn & Son	Bartonville	64,595				64,545
L-2	Hill Top Coal Co.	Peoria	30,487				30,487
L-3	Middle Road Coal Co.	Peoria	19,109				18,600
L-4	Dry Run Coal Co.	Glasford	15,831				15,831
L-5	Treasure Coal Co.	Bartonville	16,472				16,022
L-6	Lightbody Coal Co.	Glasford	13,860				13,860
L-7	Big Hollow Coal Co.	Peoria	20,762				20,688
L-8	Vicary Bros.	Peoria	9,745				9,400
L-9	Reed City Co-Operative Coal Co.	Mapleton	5,239				5,239
L-10	Lucky Strike Coal Mining Co.	Peoria	5,055				5,055
L-11	Black Jewel Coal Co.	Oak Hill	4,720				4,720
L-12	John Price	Oak Hill	605				605
L-13	Kickapoo Valley Coal Co.	Oak Hill	3,305				3,305
L-14	Beverly Hills Coal Co.	Peoria	3,065				2,781
L-15	A. & T. Coal Co.	Peoria	2,886				2,819
L-16	Henry F. Johnson	Oak Hill	540				540
L-17	Pleasant Hill Coal Co.	Peoria	2,071				2,071
L-18	Sam Cupi Coal Mine	Peoria	2,775				2,770
L-19	David Roberts	Mapleton	3,566				3,566
L-20	Snider Coal Co.	Oak Hill	5,081				5,081
L-21	Henry Knaggs	Peoria	2,075				2,075
L-22	Rowcliffe Coal Mine	Oak Hill	1,374				1,346
L-23	Junker Mine	Peoria	1,037				1,037
L-25	Renaldo-Matthew	Mapleton	2,443				2,399
L-26	Brady & White Coal Co.	Peoria	1,847				1,647
L-27*	S. R. Stever	Peoria	400				400
L-27*	David Kienbusch	Peoria	58				56
L-28	Henry F. Schmidt	Peoria	1,431				1,310

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## SECOND DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—Kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
12		4	147	108							1, 106			L-1
		3	70	49							429		2	L-2
		5	158	67							674		1	L-3
		*2	86	18							175		1	*L-4
		*3	127	37							368			*L-4
		7	124	70							702			L-5
		3	88								515			L-6
		3	61	23							102			L-8
		3	200	70							689		1	L-10
3		*2	25	5							48			*L-11
		*2	57	17							161			*L-11
		2	89	28							290			L-14
3		2	200	15							57		1	L-16
		4	124	39							378			L-17
6		2	48	12							96			L-18
		3	60	13							161			L-22
		2	21	3							28			L-26
24		48	112	574							5, 979		5	

## SECOND DISTRICT.

161	322	364	194	122,225				16	5	466,598			35	S-1
314	361	520	136	147,375				24	6	464,907			46	S-2
100		156	20	3,475				7	2	13,544			18	S-3
575	683	1,040	117	273,075				47	13	945,049			99	
50		102	116	13,650				4	3	64,595			5	L-1
		43	172	9,500				2	1	30,487			4	L-2
9	500	34	200	3,125				2	1	19,109			4	L-3
		25	134	4,000				2	1	14,188	1,643		3	L-4
250	200	30	149	4,500				2	1	16,472			2	L-5
		16	182	3,100				1		13,860			4	L-6
74		45	133	229				3	1	20,762			4	L-7
345		28	91	695							9,745			L-8
		11	140	524							5,239		2	L-9
		12	208	400							5,055		1	L-10
		14	142	300	100						4,720		2	L-11
		6	97	65							605		1	L-12
		7	158	280							3,305		1	L-13
100	184	9	162	250	1,000						3,065			L-14
67	1	7	125	225							2,886		3	L-15
		4	54	48				1		230			1	L-16
		3	195	41				1		2,071			1	L-17
5		5	167	450							2,775		2	L-18
		5	160	150							3,566		1	L-19
		12	178	404							5,081		1	L-20
		6	180	180							2,075		1	L-21
10	18	7	144	2,050							1,374		1	L-22
		1	203	98							1,037		1	L-23
44		4	172	168							2,443		1	L-25
200		5	160	155							1,847		1	L-26
		*8	30	30							400			*L-27
2		*2	26	50							58			*L-27
121		5	132	130							1,431		1	L-28

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-29	Cusack Coal Co. No. 1.....	Edwards.....	750	-----	-----	-----	750
L-30	Mapleton Coal & Mining Co..	Mapleton.....	4,850	-----	-----	-----	4,850
L-31	Turner & Son.....	Edwards.....	515	-----	-----	-----	515
L-32	Rudloff Bros.....	Peoria.....	766	-----	-----	-----	660
L-33	Superior Mining Co.....	Pottstown.....	3,539	-----	-----	-----	3,500
L-34	Glasford Coal Co.....	Glasford.....	2,790	-----	-----	-----	2,760
L-35	Martenas Mining Co.....	East Peoria.....	166	-----	-----	-----	166
L-37	John Frasca Coal Co.....	Canton.....	440	-----	-----	-----	440
L-38*	White Ash Coal Co.....	Hanna City.....	240	-----	-----	-----	240
L-38*	White Ash Coal Co.....	Hanna City.....	573	-----	-----	-----	573
L-39	Shamrock Coal Mine.....	Peoria.....	1,253	-----	-----	-----	1,253
L-40	Thomas Hunt.....	Edwards.....	400	-----	-----	-----	400
L-41	Seghi Bros., Sunnyside.....	Norris.....	5,873	-----	-----	-----	5,873
L-43	T. T. McDaniel.....	Kingston Mines.....	3,096	-----	-----	-----	3,096
L-44	Harry Becker.....	Hanna City.....	2,668	-----	-----	-----	2,668
L-47	W. E. Bowers.....	Princeville.....	151	-----	-----	-----	122
L-48	Whip-Poor-Will Mine.....	Oak Hill.....	878	-----	-----	-----	878
L-49	Mohn & Callear.....	Peoria.....	1,131	-----	-----	-----	831
L-51	J. L. Stear.....	Peoria Heights.....	1,260	-----	-----	-----	1,160
L-52	Patton Coal Co.....	Peoria Heights.....	2,182	-----	-----	-----	2,166
L-53	E. H. Stenstrom.....	Oak Hill.....	3,577	-----	-----	-----	3,577
L-56	Forrest French No. 1.....	Oak Hill.....	1,757	-----	-----	-----	1,757
L-59	West Point Coal Co.....	Edwards.....	148	-----	-----	-----	148
L-60	Peter S. Walek & Son.....	Peoria.....	89	-----	-----	-----	89
L-62	William Kirkman.....	Oak Hill.....	1,080	-----	-----	-----	1,080
L-63	Calhoun Coal Co.....	Princeville.....	3,777	-----	-----	-----	3,777
L-65	Maple Ridge Coal Co.....	Edwards.....	606	-----	-----	-----	606
L-66	Gruber Bros.....	Edwards.....	1,703	-----	-----	-----	1,703
L-67	Frank Price.....	Oak Hill.....	1,632	-----	-----	-----	1,618
L-71	Peter D. Hoffman.....	Edwards.....	1,100	-----	-----	-----	1,100
L-79	P. & H. Coal Co.....	Brimfield.....	424	-----	-----	-----	424
L-80	Lawrence Dawson.....	Oak Hill.....	1,068	-----	-----	-----	1,060
L-81	William Blender.....	Peoria.....	2,010	-----	-----	-----	1,721
L-82	Hannigan Mine.....	Peoria.....	2,455	-----	-----	-----	2,455
L-83	Big 4 Coal Co.....	Elmwood.....	415	-----	-----	-----	415
L-86	Spring Hill Coal Co. No. 1.....	Peoria.....	424	-----	-----	-----	418
L-105	Geo. Swords & Son.....	Peoria.....	4,767	-----	-----	-----	4,767
63 local mines total.....			300,987	-----	-----	-----	297,871
66 all mines total.....			1,246,036	56,675	829,960	-----	355,027

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## SECOND DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	4	50	80	-----	-----	-----	-----	-----	-----	750	-----	2	L-29
-----	-----	11	175	480	-----	-----	-----	-----	-----	-----	4,850	-----	1	L-30
-----	-----	3	160	-----	1,275	-----	-----	-----	-----	-----	515	-----	1	L-31
106	-----	4	160	-----	350	-----	-----	-----	-----	-----	766	-----	1	L-32
39	-----	7	192	125	-----	-----	-----	-----	-----	-----	3,539	-----	1	L-33
30	-----	8	127	254	-----	-----	-----	-----	-----	-----	2,790	-----	2	L-34
-----	-----	4	35	22	-----	-----	-----	-----	-----	-----	166	-----	1	L-35
-----	-----	3	85	40	-----	-----	-----	-----	-----	-----	440	-----	1	L-37
-----	-----	*3	60	12	-----	-----	-----	-----	-----	-----	240	-----	1	*L-38
-----	-----	*4	82	57	-----	-----	-----	-----	-----	-----	573	-----	1	*L-38
-----	-----	2	225	-----	3,150	-----	-----	-----	-----	-----	1,253	-----	1	L-39
-----	-----	2	120	33	-----	-----	-----	-----	-----	-----	400	-----	1	L-40
-----	-----	12	169	141	-----	-----	-----	1	-----	3,354	2,519	-----	2	L-41
-----	-----	4	268	228	-----	-----	-----	-----	-----	-----	3,096	-----	1	L-43
-----	-----	8	110	222	-----	-----	-----	-----	-----	-----	2,668	-----	1	L-44
25	4	2	37	17	-----	-----	-----	-----	-----	-----	151	-----	1	L-47
-----	-----	2	132	87	-----	-----	-----	-----	-----	-----	878	-----	1	L-48
300	-----	4	144	114	-----	-----	-----	-----	-----	-----	1,131	-----	1	L-49
100	-----	3	120	126	-----	-----	-----	-----	-----	-----	1,260	-----	1	L-51
16	-----	6	160	198	-----	-----	-----	-----	-----	-----	2,182	-----	1	L-52
-----	-----	9	130	281	-----	-----	-----	-----	-----	-----	3,577	-----	1	L-53
-----	-----	6	140	-----	-----	-----	-----	-----	-----	-----	1,757	-----	1	L-56
-----	-----	2	52	15	-----	-----	-----	-----	-----	-----	148	-----	1	L-59
-----	-----	2	45	-----	125	-----	-----	-----	-----	-----	89	-----	1	L-60
-----	-----	5	87	106	-----	-----	-----	-----	-----	-----	1,080	-----	1	L-62
-----	-----	9	196	-----	1,250	-----	-----	-----	-----	-----	3,777	-----	1	L-63
-----	-----	3	120	50	-----	-----	-----	-----	-----	-----	606	-----	1	L-65
-----	-----	3	200	-----	450	25	-----	1	-----	1,703	-----	-----	1	L-66
14	-----	5	127	136	-----	-----	-----	-----	-----	-----	1,632	-----	1	L-67
-----	-----	3	160	75	-----	-----	-----	-----	-----	-----	1,100	-----	1	L-71
-----	-----	3	145	-----	-----	-----	-----	-----	-----	-----	424	-----	1	L-79
8	-----	6	100	100	-----	-----	-----	-----	-----	-----	1,068	-----	1	L-80
89	200	9	151	104	1,375	-----	-----	-----	-----	-----	2,010	-----	1	L-81
-----	-----	4	185	140	-----	-----	-----	-----	-----	-----	2,455	-----	1	L-82
-----	-----	4	60	65	-----	-----	-----	-----	-----	-----	415	-----	1	L-83
6	-----	5	106	50	-----	-----	-----	-----	-----	-----	424	-----	1	L-86
-----	-----	5	100	47	-----	-----	-----	-----	-----	-----	-----	4,767	-----	L-105
2,010	1,106	627	138	8,397	49,050	25	-----	20	8	186,831	109,389	4,767	70	-----
2,585	1,789	1,667	138	8,397	321,125	25	-----	67	21	1,131,880	109,389	4,767	169	-----

## STARK COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Mark Plotner.....	Wyoming.....	2, 189				2, 189
L-2	James Scott.....	Wyoming.....	8, 357				8, 057
L-4	Downing Mine.....	Wyoming.....	1, 781				1, 781
L-5	Leslie Milburn.....	Wyoming.....	1, 922				1, 922
L-7	Catton & Willson.....	Toulon.....	394				380
L-8	Harold Newton No. 1.....	Wyoming.....	276				239
L-10	W. Curfman.....	Wyoming.....	212				212
L-13	Henry Bates Coal Co.....	Kewanee.....	3, 294				3, 284
L-14	G. A. Ohman.....	Neponset.....	12				12
	9 local mines total.....		18, 437				18, 076

## TAZEWELL COUNTY

SHIPPING MINES.							
S-1	Lake Erie Mining Co.....	Peoria.....	70, 958	2, 318	22, 237		46, 403
S-2	Ubben Coal Co.....	Pekin.....	7, 602	1, 643			5, 839
2 shipping mines total.....			78, 560	3, 961	22, 237		52, 242
LOCAL MINES.							
L-1	Manhattan Coal & Mining Co.	East Peoria.....	51, 844				51, 694
L-2	Lakeside Coal Co.....	Pekin.....	24, 385				23, 309
L-3	Fred Schaefer, Jr.....	Pekin.....	64, 910				60, 610
3 local mines total.....			141, 139				135, 613
5 all mines total.....			219, 699	3, 961	22, 237		187, 855

## WOODFORD COUNTY

SHIPPING MINES.							
S-1	Roanoke Coal & Tile Co.....	Roanoke.....	7, 270	262			6, 058
S-2	W. G. Sutton.....	Minonk.....	48, 898	10, 372			33, 446
2 shipping mines total.....			56, 168	10, 634			39, 504

## SECOND DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Fermissibles—pounds.	Mining machines.	Motors.					
300		8	230	200							2, 189			L-1
		15	200	400				1		7, 357	1, 000		4	L-2
		6	285	100							1, 781		1	L-3
10	4	5	200	96							1, 922			L-5
25	12	2	144		196						394			L-7
		3	180	14							276			L-8
		2	50	12							212			L-10
10		11	177								3, 294			L-13
		2	10								12			L-14
345	16	54	164	822	196			1		7, 357	11, 080		5	

## SECOND DISTRICT.

120		134	166	19, 025				6	5	70, 958			12	S-1
		38	80				2, 000	3	1	7, 602			4	S-2
120		172	123	19, 025			2, 000	9	6	78, 560			16	
150		121	129	16, 650				4	1	51, 844			6	L-1
84	992	35	281	6, 700	350			2		24, 385			3	L-2
300	4, 000	146	175	8, 050				4	1	64, 910			8	L-3
534	4, 992	302	195	31, 400	350			10	2	141, 139			17	
654	4, 992	474	166	50, 425	350	2, 000		19	8	219, 699			33	

## SECOND DISTRICT.

950		110	37					1		7, 270			19	S-1
2, 100	2, 980	182	139					3		48, 898				S-2
3, 050	2, 980	292	88					4		56, 168			19	

## SECOND DISTRICT SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Peoria.....	3	945,049	56,675	829,960	-----	57,156	575	683
Tazewell.....	2	78,560	3,961	22,237	-----	52,242	120	-----
Woodford.....	2	56,168	10,634	-----	-----	39,504	3,050	2,980
Total.....	7	1,079,777	71,270	852,197	-----	148,902	3,745	3,663

## LOCAL

Marshall.....	15	5,979	-----	-----	-----	5,955	24	-----
Peoria.....	63	300,987	-----	-----	-----	297,871	2,010	1,106
Stark.....	9	18,437	-----	-----	-----	18,076	345	16
Tazewell.....	3	141,139	-----	-----	-----	135,613	534	4,992
Total.....	90	466,542	-----	-----	-----	457,515	2,913	6,114

## ALL

Marshall.....	15	5,979	-----	-----	-----	5,955	24	-----
Peoria.....	66	1,246,036	56,675	829,960	-----	355,027	2,585	1,789
Stark.....	9	18,437	-----	-----	-----	18,076	345	16
Tazewell.....	5	219,699	3,961	22,237	-----	187,855	654	4,992
Woodford.....	2	56,168	10,634	-----	-----	39,504	3,050	2,980
Total.....	97	1,546,319	71,270	852,197	-----	606,417	6,658	9,777



## RECAPITULATION BY COUNTIES.

Total em- ployes.	Days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.			Machine.	Hand.	Stripping.	
1,040	117	-----	273,075	-----	-----	47	13	945,049	-----	-----	99
172	123	-----	19,025	-----	2,000	9	6	78,560	-----	-----	16
292	88	-----	-----	-----	-----	-----	4	-----	56,168	-----	19
1,504	110	-----	292,100	-----	2,000	56	23	1,023,609	56,168	-----	134

## MINES.

48	112	574	-----	-----	-----	-----	-----	-----	5,979	-----	5
627	138	8,397	49,050	25	-----	20	8	186,831	109,389	4,767	70
54	164	822	196	-----	-----	1	-----	7,357	11,080	-----	5
302	195	-----	31,400	350	-----	10	2	141,139	-----	-----	17
1,031	139	9,793	80,646	375	-----	31	10	335,327	126,448	4,767	97

## MINES.

48	112	574	-----	-----	-----	-----	-----	-----	5,979	-----	5
1,667	138	8,397	321,125	25	-----	67	21	1,131,880	109,389	4,767	169
54	164	822	196	-----	-----	1	-----	7,357	11,080	-----	5
474	166	-----	50,425	350	2,000	19	8	219,699	-----	-----	33
292	88	-----	-----	-----	-----	-----	4	-----	56,168	-----	19
2,535	137	9,793	372,746	375	2,000	87	33	1,358,936	182,616	4,767	231

## THIRD DISTRICT

*Hon. James McSerry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Third Inspection District comprising the coal producing counties of Adams, Brown, Fulton, Hancock, Knox, McDonough, Schuyler and Warren for the year ending December 31, 1938.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
F. M. GUTHRIE, *Inspector,*

## THIRD DISTRICT.

	1938	1937	1936	1935	1934
Number of counties producing coal.....	8	8	8	8	8
Number of shipping mines.....	11	15	16	16	15
Number of local mines.....	211	215	283	337	335
Number of employees underground.....	1,339	1,641	2,012	2,012	2,152
Number of employees on surface.....	1,105	1,149	1,027	753	687
Total number employed.....	2,444	2,790	3,039	2,765	2,838
Tons of coal produced in shipping mines.....	3,159,441	3,698,429	2,738,698	2,215,893	1,838,159
Tons of coal produced in local mines.....	562,766	613,295	528,031	433,615	318,162
Tons of coal produced, total.....	3,722,207	4,311,724	3,266,729	2,649,508	2,156,321
Days operated, shipping mines, average.....	179	163	158	168	175
Days operated, local mines, average.....	112	120	110	98	106
Number of undercutting machines.....	32	53	51	46	52
Tons undercut.....	421,254	809,552	343,190	771,014	693,014
Tons mined by hand.....	236,748	310,260	308,474	299,271	302,678
Tons mined in strip mines.....	3,064,205	3,191,912	2,115,065	1,579,223	1,160,629
Number of loading machines used.....	2	2	2	2	1
Tons loaded mechanically.....	17,010	27,562	4,000	2	2
Number of fatal accidents.....	4	2	2	5	2
Number of non-fatal accidents.....	78	129	86	109	100
Number of employees to each fatality.....	611	1,395	1,520	553	1,419
Number employed to each non-fatal accident.....	31.3	21.6	35	25.4	28.4
Tons of coal mined to each fatality.....	930,552	2,155,862	1,633,364	529,902	1,078,161
Tons mined to each non-fatal accident.....	47,721	33,424	37,985	24,307	21,563
Number of fatalities per 1,000 employed.....	1.6	.7	.7	1.8	.7
Number injured per 1,000 employed.....	31.9	46.2	28.3	39.4	35.2

## ABANDONED MINES.

Galesburg Mining Company, Knox County.  
Dorthel Coal Company, No. 3, Fulton County.

## SUSPENDED OPERATION

Peterson Coal Company, Fulton County.

## IDLE MINES.

Canton Coal Company, Fulton County.  
Livings & Smith, Fulton County.

## FATAL ACCIDENTS.

February 3, John Adams, miner, aged 59 years, married, killed by fall of rock in the C. O. Lightbody Coal Co. mine, leaving widow.

November 18, Raymond Richard Rice, machine man, aged 31 years, married, killed by fall of rock in mine of Knoxville Mining Co., leaving widow and one child.

November 30, Ellis Myers, driver, aged 30 years, married, suffered injuries from runaway car resulting in death December 3, at Buckheart Creek Coal Co. mine, leaving widow and five children.

December 6, William Massingale, truck driver, aged 23 years, single, killed when he lost control of truck and plunged from bridge 25 feet into creek at Fiatt mine of Traux-Traer Coal Co., leaving mother and three sisters dependent.

## FATAL ACCIDENTS, THIRD DISTRICT, 1938.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Feb. 3	3	John Adams	59	Miner	Peoria	C. O. Lightbody Coal Co.	-----	1	1	1	1	1	1 Fall of top coal.
Dec. 6	6	William Massingale	23	Truck driver	Fiatt	Truax-Traer Coal Co.	-----	-----	-----	-----	-----	4	Truck plunged into creek.
Nov. 30	3	Ellis Myers	30	Driver	Lewistown	Buckheart Creek Coal Co.	Fiatt	1	1	1	5	6	Runaway car.
Nov. 18	23	Raymond Richard Rice	31	Machine man	Yates City	Knoxville Mining Co.	-----	1	1	1	1	2	Fall of rock.

## NON-FATAL ACCIDENTS, THIRD DISTRICT.

Name of operator.	Number injured.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.			Month in which accident occurred.	
		Number not returned.	Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
						Total.	Average.			
Blakely Coal Co.	9	3	133	22	4	68	17	2	January	9
Central State Colliery Co.	3	1	39	20	1	9	9	1	February	7
Golden Rule Coal Co.	1		18	18	1	1	18		March	4
Illinois Colliery Co.	4		108	27	3	48	16		April	7
Little John Coal Co.	4		86	21	3	44	15	1	May	2
Midland Electric Coal Co., No. 2	8		141	24	3	32	11	3	June	5
Pschirrer & Sons Coal Co., No. 3	3		134	45	1	14	14	2	July	3
Truax-Traer Coal Co., No. 1	2		45	23	1	8	8	1	August	7
Truax-Traer Coal Co., No. 2	2		27	14	2	27	14		September	7
United Electric Coal Cos., No. 9	3		58	19	4	17	9	1	October	12
United Electric Coal Cos., No. 17	6	1	114	23	4	52	13	1	November	7
Shipping Mines	45	7	903	24	25	337	13	13	December	78
Local Mines	33	6	702	26	19	319	17	8		
Total	78	13	1,605	25	44	656	15	21		

## ADAMS COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	E. A. Meyer Construction Co.	Quincy-----	774	-----	-----	-----	774
L-3	Western Illinois Mining Corp.	Clayton-----	18,619	-----	-----	-----	17,977
L-4	W. G. Hollenbeak	Liberty-----	300	-----	-----	-----	300
L-5	Stauffer Coal Co.	Beverly-----	1,331	-----	-----	-----	1,031
	4 local mines total-----		21,024	-----	-----	-----	20,082

## BROWN COUNTY

LOCAL MINES.							
L-1	Waller & Salisbury	Clayton-----	302	-----	-----	-----	302
L-3	A. L. Cruser	Mt. Sterling-----	184	-----	-----	-----	180
L-4	Williams & Ferrell	Mt. Sterling-----	120	-----	-----	-----	115
L-8	Clemens Rang	Mt. Sterling-----	17	-----	-----	-----	13
L-18	Chas. Pruden	Mt. Sterling-----	50	-----	-----	-----	50
L-28	Louie Stewart	Mt. Sterling-----	90	-----	-----	-----	90
L-29*	Fritz Moorman	Mt. Sterling-----	20	-----	-----	-----	20
L-29*	Pea Ridge Mining Co.	Mt. Sterling-----	29	-----	-----	-----	29
7 local mines total			812	-----	-----	-----	799

## FULTON COUNTY

SHIPPING MINES.							
S-1	Blakley Coal Co.	Canton-----	54,035	21,225	6,700	-----	26,110
S-2	Central State Collieries, Inc.	St. David-----	423,694	252,519	115,646	-----	144,009
S-5	Golden Rule Coal Co.	Middle Grove-----	25,872	-----	20,784	-----	5,088
S-6	Illinois Colliery Co.	Farmington-----	19,073	10,135	4,090	-----	4,848
S-7	Midland Electric Coal Corp.	-----	-----	-----	-----	-----	-----
	No. 2.	Farmington-----	671,414	419,070	238,222	-----	-----
S-10	Pschirrer & Sons Coal Co.	Canton-----	70,939	36,211	9,909	-----	24,200
S-12	Truax-Traer Coal Co., No. 1.	St. David-----	323,366	188,390	132,947	-----	2,029
S-13	Truax-Traer Coal Co., No. 2.	Fiatt-----	383,956	255,347	97,663	-----	230,573
S-14	United Electric Coal Cos., No. 9.	Cuba-----	175,874	97,703	55,713	-----	-----
S-15	United Electric Coal Cos., No. 17.	Canton-----	511,909	316,681	109,856	-----	21,498
10 shipping mines total			2,660,132	1,597,281	791,530	-----	158,355
LOCAL MINES.							
L-1	Clearview Mine	Canton-----	19,851	-----	-----	-----	19,801
L-2	Rawalt Coal Co.	Canton-----	23,550	-----	-----	-----	23,550
L-3	Glore Coal Co.	Ellisville-----	14,053	-----	-----	-----	12,503
L-5	Sunnyside mine	Cuba-----	10,596	-----	-----	-----	10,596
L-6	Westerby Bros.	Farmington-----	10,840	-----	-----	-----	10,840
L-7*	Fairview Coal Co.	Fairview-----	1,389	-----	-----	-----	1,200
L-7*	Peaco Coal Co.	Fairview-----	8,138	-----	-----	-----	8,138
L-8	Albert Zaborac	St. David-----	749	-----	-----	-----	739

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

<sup>1</sup> 41,868 tons shipped by barge on Illinois River.

<sup>2</sup> 29,927 tons loaded on barges.

<sup>3</sup> 21,498 tons loaded on barges.

## THIRD DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	10	15	-----	-----	-----	-----	-----	-----	-----	-----	774	-----	L-1
-----	642	22	133	-----	2,500	2,500	-----	-----	-----	-----	-----	18,619	-----	L-3
-----	-----	6	70	-----	-----	200	-----	-----	-----	-----	-----	300	-----	L-4
300	-----	6	90	-----	-----	-----	-----	-----	-----	-----	-----	1,331	-----	L-5
300	642	44	77	-----	2,500	2,700	-----	-----	-----	-----	-----	21,024	-----	

## THIRD DISTRICT.

-----	-----	2	130	-----	75	-----	-----	-----	-----	-----	362	-----	-----	L-1
4	-----	2	100	10	-----	-----	-----	-----	-----	-----	184	-----	-----	L-3
5	-----	2	70	-----	-----	-----	-----	-----	-----	-----	-----	120	-----	L-4
-----	4	1	17	-----	-----	-----	-----	-----	-----	-----	17	-----	-----	L-8
-----	-----	3	30	-----	-----	-----	-----	-----	-----	-----	50	-----	-----	L-18
-----	-----	5	40	-----	-----	-----	-----	-----	-----	-----	-----	90	-----	L-28
-----	-----	*4	15	-----	-----	-----	-----	-----	-----	-----	20	-----	-----	L-29
-----	-----	*4	11	-----	-----	-----	-----	-----	-----	-----	29	-----	-----	L-29
9	4	19	59	10	75	-----	-----	-----	-----	-----	602	210	-----	

## THIRD DISTRICT.

-----	-----	92	201	-----	1,410	-----	-----	3	3	54,035	-----	-----	8	S-1
10,270	1,250	121	175	-----	17,800	-----	11,400	-----	-----	-----	-----	423,694	-----	S-2
-----	-----	32	278	-----	6,000	-----	-----	1	-----	25,872	-----	-----	6	S-5
-----	-----	51	71	-----	7,775	-----	-----	3	2	19,073	-----	-----	5	S-6
7,408	6,714	173	289	-----	-----	-----	-----	-----	-----	-----	-----	671,414	-----	S-7
400	219	115	191	-----	14,200	-----	-----	5	2	70,939	-----	-----	12	S-10
-----	-----	81	121	-----	-----	-----	91,100	-----	-----	-----	-----	323,366	-----	S-12
-----	373	98	149	-----	-----	-----	60,800	-----	-----	-----	-----	383,956	-----	S-13
1,353	21,105	102	108	865	-----	625	775	-----	-----	-----	-----	175,874	-----	S-14
2,445	61,429	77	203	2	51,250	17,415	1,400	-----	-----	-----	-----	511,909	-----	S-15
21,876	91,090	942	178	867	98,435	18,040	165,475	12	7	169,919	-----	2,490,213	31	
50	-----	23	200	-----	3,375	-----	-----	3	1	19,851	-----	-----	4	L-1
-----	-----	30	230	-----	4,050	-----	-----	2	-----	23,550	-----	-----	7	L-2
1,000	550	23	230	702	-----	-----	-----	1	-----	13,053	1,000	-----	7	L-3
-----	-----	25	87	-----	1,000	-----	-----	1	-----	10,596	-----	-----	5	L-5
-----	-----	24	150	674	-----	-----	-----	-----	1	-----	10,840	-----	2	L-6
189	-----	*16	122	68	-----	-----	-----	-----	-----	-----	1,389	-----	2	L-7
-----	-----	*32	115	-----	6,000	-----	-----	*1	-----	8,138	-----	-----	*7	L-7
10	-----	2	137	-----	750	-----	-----	-----	-----	-----	749	-----	1	L-8

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-9	D. & D. Coal Co.	Cuba	7, 896				7, 896
L-11	McGlaughlin Bros.	Canton	3, 915				3, 709
L-12	Strode Coal Co.	Canton	8, 236				8, 236
L-13	Stevenson Bros., No. 1	Ellisville	371				371
L-14*	Sugarville Coal Co.	Canton	1, 139				1, 139
L-14*	Yocum & Utzinger	Canton	4, 623				4, 623
L-15	Geo. H. Stambaugh	Ipava	4, 749				4, 749
L-16	Black Eagle Coal Co.	Canton	8, 650				8, 650
L-17	Joe Zaborac	Cuba	1, 585				1, 585
L-18	Walter K. Clauson	Glasford	8, 000				8, 000
L-19	Walter Richard	St. David	10, 893				10, 893
L-20	Tony Kauzlarich	Farmington	2, 891				2, 687
L-21	Thompson Bros.	Canton	3, 600				3, 600
L-23*	Parr Coal Mine	Ipava	4, 040				4, 040
L-23*	Illinois Valley Coal Mine	Summum	1, 041				1, 041
L-24	Liverpool Coal Co.	Lewistown	925				925
L-25	Ackerman Coal Co.	Peoria	12, 638				12, 638
L-26	Bennett Mine.	Liverpool	13, 301				13, 290
L-28	Avon Coal Co.	Avon	1, 363				1, 363
L-29	Richard Fouts	Canton	3, 386				3, 386
L-30	Rice Lake Coal Co.	Glasford	3, 473				3, 322
L-31	Albert Hollandsworth	Glasford	2, 296				2, 296
L-32	Davis & Sons	Astoria	205				205
L-33	Tom Jenkins	Cuba	825				825
L-34	James W. Ley	Peoria	1, 640				1, 640
L-35	Banner Coal Co.	Canton	1, 175				1, 175
L-37	C. O. Lightbody	Glasford	1, 000				1, 000
L-38	Geo. Street	Fairview	1, 435				1, 400
L-39	Charlie Raker	Lewistown	1, 855				1, 855
L-40	Clean Coal Co.	Fairview	5, 763				5, 393
L-43	Jay Walters	Astoria	617				617
L-44	Casler-Gofinch	Cuba	1, 770				1, 770
L-45	John Cimo	Lewistown	2, 200				2, 200
L-46	A. H. Thomas	Ipava	513				508
L-47	Eldon J. Broas	Norris	2, 265				1, 845
L-49	Elmer Simpson	Bryant	12				12
L-50	Joe Wells	Canton	178				178
L-54	Pheasant Bros.	Fairview	494				454
L-55	John W. Brooks	Cuba	137				137
L-58	C. C. Haggerty	Glasford	400				400
L-60	August Von Ach	Cuba	689				689
L-63	Pine Ridge Mine	Liverpool	3, 000				3, 000
L-67	Dallefeld Coal Co.	Ellisville	13, 610				13, 423
L-69	Jerry Yocum & Sons	Lewistown	2, 363				2, 330
L-72	Diamond Coal Co.	Glasford	4, 047				3, 998
L-73	J. Grindle	Cuba	61				61
L-75	Engle Bros.	Cuba	108				108
L-78	Deloss Thompson	Ipava	72				72
L-79	Walton & Mendenhall	Ipava	217				203
L-80	Stanley Zaborac	Canton	161				161
L-82	Joe Traynor	Canton	118				118
L-86	Kitzler & Clark	Glasford	2, 585				2, 585
L-89	Tiber Valley Coal Co.	Glasford	200				180
L-90	Lloyd Hamilton	Ipava	212				212
L-92	Carl and Clair Leonard	Ipava	553				545
L-96	Premier White Ash Coal Co.	Galesburg	1, 075				1, 000
L-99	Turkey Branch Coal Mine	Havana	75				75
L-100	Cape-Johnson No. 1	Bryant	80				80
L-101	Stevenson & Brown	Cuba	486				486
L-102	Ford & Munson Mine No. 1	Canton	1, 113				1, 063
L-103	Joe Zaborac No. 2	Cuba	1, 164				1, 164
L-105	S. & L. Coal Co.	Ipava	116				116
L-106	Clio C. Branson	Ipava	187				187
L-107	George Hollandsworth	Canton	155				155

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## THIRD DISTRICT—Continued.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.	
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.						
206		17	166		10,725						7,896		2	L-9	
		9	149	175				1		1,736	2,179		1	L-11	
		12	312	550							8,236		2	L-12	
		6	92		500						371		1	L-13	
		*7	52		1,150						1,139		1	*L-14	
		*8	235	462							4,623		1	*L-14	
		9	160	120							4,749		2	L-15	
		12	148	379							8,650		2	L-16	
		5	153	71							1,585		1	L-17	
		7	125		12,500						8,000		2	L-18	
4	200	10	169	545				1		10,893			1	L-19	
		8	168	330							2,891		1	L-20	
		7	240	300							3,600		2	L-21	
		*9	205	115							4,040		2	*L-23	
		*8	53	502							1,041		2	*L-23	
		7	85	45							925		1	L-24	
		14	220	130								12,638			L-25
11		25	104	950							13,301		2	L-26	
		6	70	125							1,363		1	L-28	
		9	170	200							3,386		1	L-29	
151		6	205		1,050			1		3,473			2	L-30	
		7	159	135							2,296		2	L-31	
		4	88	14							205			L-32	
		6	180	80							825		1	L-33	
		5	82		300			1		1,640			1	L-34	
		5	205	148							1,175		1	L-35	
		5	100	60				1		1,000			1	L-37	
	35	7	130	120							1,435		1	L-38	
		7	125	160							1,855		2	L-39	
245	125	15	99	300							5,763		2	L-40	
		6	45	28							617		1	L-43	
		3	160	114							1,770		1	L-44	
		9	160	85							2,200		2	L-45	
5		6	105		750						513			L-46	
420		5	250		3,900			1		2,000	265		1	L-47	
		2	5	1							12		1	L-49	
		3	60		75						178			L-50	
10	30	5	115	35							494			L-54	
		2	10	2								137			L-55
		4	120	28							400		1	L-58	
		3	153	35							689		1	L-60	
		5	120	140							3,000		1	L-63	
187		30	230	470				1		7,912	5,698		6	L-67	
33		7	251	281							2,363		1	L-69	
15	34	6	232	384					1		4,047		1	L-72	
		2	35	3							61		1	L-73	
		2	55	3							108			L-75	
		3	80	3							72			L-78	
14		2	118	20							217			L-79	
		4	68	20							161		1	L-80	
		4	45	5							118			L-82	
		7	105	158							2,585		1	L-86	
20		2	70	20							200		1	L-89	
		3	120	15							212			L-90	
8		3	102	26							553			L-92	
75		8	144	135							1,075			L-96	
		2	60								75			L-99	
		2	40	7							80			L-100	
		3	91	27							486		1	L-101	
50		4	150	75							1,113			L-102	
		4	96	51							1,164		1	L-103	
		5	11		300	100								L-105	
		3	89	12							187			L-106	
		1	100		250						155			L-107	

## FULTON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-108	John Bruketa	Farmington	470				450
L-109*	Baughman Coal Mine No. 2	Marietta	307				307
L-109	Baughman Mine	Marietta	133				133
L-110	Clarence Danner	Astoria	52				52
L-111	Billings & May No. 1	Lewistown	133				133
L-112	H. B. Brush	Marietta	21				21
L-113	Fred F. Williams	Canton	159				159
L-114	Orwig Coal Mine	Canton	329				329
L-115	County Wide Coal Co.	Fairview Heights	222				222
L-120	Stevenson Bros. No. 2	Ellisville	132				132
L-121	Ed Pearson	Liverpool	818				797
L-122	Robert Ames	Ipava	25				25
L-123	Barclay Coal Mine	Canton	320				320
L-124	Blue Eagle Coal Co.	Canton	126				126
L-125	Buckheart Creek Coal Co.	Lewistown	16,492				14,492
L-127	Brooks & Hayden	Lewistown	234				234
L-128	Dean Gorey	Vermont	304				30
L-129	Carl Shaffer	Astoria	212				204
L-130	New Midway Coal Co.	Canton	698				698
L-132*	David E. Roland & Son	Cuba	11,810				11,810
L-132*	Triple S Mines, Inc.	Cuba	24,957				24,957
L-133	Johnson & Fasiotto	Canton	370				261
L-134	Scott McGinnis	Canton	400				300
L-141	Hawk Valley Coal Co.	Norris	298				298
L-156	L. & S. Coal Co.	London Mills	1,027				1,027
L-157	Lingenfelter & Pearson	Canton	855				855
L-158	Jesse Williams	Canton	50				50
L-159	Hendee Bros.	Havana	70				70
L-160	Seville Coal Mine	Marietta	526				506
L-161	William Dilts & Son	Canton	147				147
L-162	Green Valley Mine	Canton	178				178
L 163	Hill Top Mine	Lewistown	289				289
98 local mines total			315,272				309,347
108 all mines total			2,975,404	1,597,281	791,530		467,702

## HANCOCK COUNTY

LOCAL MINES.						
L-2	Eddie Hiland	Augusta	1,080			1,080
L-5	Everett Meredith	Augusta	650			650
L-8	Audra Martin	Augusta	800			800
L-10	Babb & Barnes	Augusta	200			200
L-11	Eddie Hiland	Augusta	371			371
5 local mines total			3,101			3,101

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## THIRD DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number of animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
20		4	67	95							470		1	L-108
		*3	39								307			L-109
		*4	30								133			L-109
		2	23		50						52			L-110
		2	32	6							133		1	L-111
		2	20								21			L-112
		3	90	12							159		1	L-113
		3	110	15							329			L-114
		3	56	18							222			L-115
		2	68		200						132			L-120
12	9	4	166	115							818		1	L-121
		3	7	2							25			L-122
		4	120	18							320		1	L-123
		2	50	16							126			L-124
	2,000	40	207	1,900							16,492		4	L-125
		2	95	12							234			L-127
		3	115	15							304			L-128
8		1	160	12							212			L-129
		3	122	15							698			L-130
		*22	81		1,000							11,810		L-132
		*20	108		2,000							24,957		L-132
19	60	3	175	25							370			L-133
80	20	4	110	20							400			L-134
		3	72	16	225						298		1	L-141
		11	68	120							1,027		1	L-156
		6	120	43							855		1	L-157
		3	10	5							50			L-158
		2	53	9							70			L-159
20		7	71		250							526		L-160
		3	84	10							147		1	L-161
		2	62	4	150						178			L-162
		4	63	14							289			L-163
2,862	3,063	716	122	12,164	50,500	100		11	3	103,842	161,246	50,184	105	
24,738	94,153	1,658	127	13,031	148,935	18,140	165,475	23	10	273,761	161,246	2,540,397	136	

## THIRD DISTRICT.

		8	70								1,080			L-2
		4	70	50							650			L-5
		4	160								800		1	L-8
		4	20								200			L-10
		4	80								371			L-11
		24	80	50							3,101		1	

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-2	Little John Coal Co.....	Victoria.....	499, 309	402, 636	96, 673		
LOCAL MINES.							
L-1	Knoxville Mining Co.....	Knoxville.....	70, 017				67, 617
L-2*	Purviance Mine.....	Middle Grove.....	500				560
L-2*	Purviance Mine.....	Middle Grove.....	847				847
L-3	Yates City Mining Co.....	Yates City.....	2, 341				2, 042
L-4	Little Coal Co.....	Maquon.....	7, 117				7, 117
L-5	Aaron Davidson.....	Maquon.....	1, 588				1, 394
L-6	Leslie Williams.....	Maquon.....	250				250
L-7	William Mertz.....	Maquon.....	843				829
L-8	Lawrence Gravett.....	Victoria.....	823				823
L-9	Hubbell Coal Co.....	Middle Grove.....	1, 082				1, 082
L-10	David Strickland.....	Maquon.....	1, 168				1, 168
L-14	Wataga Coal Co.....	Wataga.....	2, 114				2, 104
L-15	Gerald Strom.....	Victoria.....	187				187
L-16	Morse & Bennett.....	Middle Grove.....	220				220
L-17	Charles Murphy.....	Victoria.....	69				69
L-20	Thermal Coal Co.....	Galesburg.....	59, 595				53, 130
L-21*	Stout & Goff.....	Victoria.....	10				10
L-21*	Salmons Coal Co.....	Victoria.....	230				230
L-22	Leonard Stegall.....	Oneida.....	82				79
L-23	Charnock & Westfall.....	Knoxville.....	176				165
L-24	Charlie Johnson.....	Oneida.....	66				66
L-27	Western Coal Co.....	Middle Grove.....	1, 790				1, 775
L-29	Ed Larner.....	Victoria.....	180				170
L-30	Bangston & Peterson.....	Wataga.....	50				50
L-38	Godsil & Strom.....	Victoria.....	168				135
L-42	Old Hickory Co-Op. Coal Co.....	Maquon.....	610				510
L-43	Sixth Vein Coal Co.....	Middle Grove.....	60				54
L-44	Peterson & Hammerlund.....	Victoria.....	148				134
L-45	Frank Kling.....	Maquon.....	215				215
L-46	Lillie Creek Coal Co.....	Maquon.....	1, 377				1, 377
L-47	Armstrong Mine.....	Victoria.....	121				121
	29 local mines total.....		154, 044				144, 470
	30 All mines total.....		653, 353	402, 636	96, 673		144, 470

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## THIRD DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
		99	198									499, 309		S-2
2, 400		90	206		17, 500			3	2	70, 017			15	L-1
		*10	40	15							500		3	L-2
		*8	72	45							847		2	L-2
75	224	10	112	174							2, 341		2	L-3
27	167	25	162	650							7, 117		4	L-4
		3	126	85							1, 588		1	L-5
		4	60	25							250		2	L-6
14		2	105	70							843		1	L-7
		5	192								823			L-8
		5	160	165							1, 082		1	L-9
		3	124	90							1, 168		1	L-10
10		12	160								2, 114			L-14
		2	100	4							187			L-15
		3	100	20							220		1	L-16
		2	36								69			L-17
3, 233	3, 232	90	173	550		2, 000		5	1	59, 595			12	L-20
		*2	10								10			L-21
		*8	40	2							230			L-21
3		3	60								82			L-22
11		2	114								176			L-23
		2	40								66			L-24
5	10	8	200	190							1, 790		3	L-27
10		3	80	4							180			L-29
		2	60								50			L-32
25	8	3	130								168			L-38
100		4	110		200							610		L-42
6		1	30	4							60		1	L-43
14		3	40								148			L-44
		3	57	27							215			L-45
		9	114	130							1, 377		2	L-46
		2	100								121			L-47
5, 933	3, 641	315	107	2, 250	17, 700		2, 000	8	3	129, 612	23, 822	610	49	
5, 933	3, 641	414	110	2, 250	17, 700		2, 000	8	3	129, 612	23, 822	499, 919	49	

## McDONOUGH COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total..	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Swanson & Sons	Colchester	222				222
L-3	Henley & Sons	Augusta	282				282
L-4	Frank Fox	Colchester	461				436
L-6	James E. Snowden	Macomb	51				48
L-7	William Whalen	Colchester	289				289
L-9	Olaf Stoneking	Birmingham	500				500
L-11	Nelson & Swanson	Colchester	233				233
L-17	Ernie Stoneking	Birmingham	165				165
L-21	Bexson Coal Co.	Colchester	188				188
L-22	Elmer W. Miller	Macomb	464				464
L-33	O. L. Willie	Macomb	58				58
L-37	J. C. McGrann	Colchester	53				45
L-41	Earl Bunt	Colchester	86				86
L-44	Charles Wilson	Colchester	170				170
L-47	Ike Stone	Colchester	307				307
L-48	O. Nelson & Co.	Colchester	597				597
L-51	Thos. Hocker & Co.	Colchester	105				105
L-76	Ira Curtis	Macomb	45				45
L-77	Leon E. McMillin	Industry	66				66
L-78	Teel & Snowman	Industry	117				117
L-79	Eli Willey	Macomb	25				25
L-81	Porter Fentem	Colchester	141				141
L-82	Frank Nelson	Colchester	15				15
L-84	L. S. Hocker	Colchester	70				70
L-85	Wayland & Co.	Colchester	80				80
25 local mines total			4,790				4,754

## SCHUYLER COUNTY

LOCAL MINES.							
L-1	Big Four Coal Co.....	Rushville.....	19,067				16,253
L-2	Wheelhouse Coal Co.....	Rushville.....	8,361				7,733
L-3	A. H. McCormick & Sons.....	Rushville.....	7,340				6,512
L-4	Little Dog Mine.....	Beardstown.....	4,500				4,500
L-5	Wallace & Beebe.....	Rushville.....	2,546				2,531
L-6	Tomlinson Coal Co.....	Rushville.....	2,000				2,000
L-7	Archie Shanks.....	Littleton.....	994				994
L-8	Frank E. Hendricks.....	Frederick.....	84				84
L-9	Roosevelt & Cleavenger.....	Littleton.....	874				834
L-11	Root Bros.....	Rushville.....	816				813
L-12	James Stroup.....	Littleton.....	500				498
L-13	Icenogle Coal Co.....	Rushville.....	130				130
L-15	Raymond Cunningham.....	Ray.....	472				464
L-18	E. E. Rining & Son.....	Frederick.....	871				871
L-19	W. B. Baxter.....	Birmingham.....	138				90
L-24	Reeder Bros.....	Camden.....	120				120
L-26	E. C. Maguire.....	Birmingham.....	566				566
L-27	L. C. Veach.....	La Prairie.....	150				150
L-29	Phillips & Rebman.....	Rushville.....	133				133
L-30*	Francis McMillin.....	Littleton.....	20				20
L-30*	Clyde Hines.....	Littleton.....	210				210
L-30*	Dean Buss.....	Littleton.....	77				77
L-32	Thompson & Sons.....	Littleton.....	480				480
L-35	Phillips Bros.....	Ray.....	175				175
L-40	Ernest Kellum.....	Littleton.....	288				288
L-42	Ivan Derry.....	Birmingham.....	306				306
L-48	Roderick Carr Coal Co.....	Frederick.....	357				357
L-58	F. E. Miller.....	Ray.....	144				144

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## THIRD DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
25		3	90								222			L-1
3		5	75								282			L-3
		6	100								461			L-4
		2	27								51			L-6
		3	120								289			L-7
		5	120								500		2	L-9
		5	110								233			L-11
		5	52								165			L-17
		4	60								188			L-21
		2	196								464			L-22
		2	40								58			L-33
	8	1	60								53			L-37
		2	87								86			L-41
		5	110								170			L-44
		2	133								307			L-47
		5	113								597			L-48
		2	90								105			L-51
		3	24								45			L-76
		5	26								66			L-77
		2	59									117		L-78
		4	40									25		L-79
		3	82								141			L-81
		2	20								15			L-82
		2	30								70			L-84
		5	24								80			L-85
28	8	83	76								4,648	142	2	

## THIRD DISTRICT.

987	1,827	30	260	599				1		17,881	1,186		3	L-1
10	618	13	225	418							8,361		2	L-2
	828	10	300	426							7,340		1	L-3
		12	205	400							4,500		3	L-4
15		9	217	168							2,546		1	L-5
		6	209	100							2,000		1	L-6
		4	262	40							994			L-7
		2	50	7							84			L-8
40		6	200								874			L-9
3		3	150	40							816			L-11
2		8	156								500		1	L-12
		4	76	13							130			L-13
8		2	124	30							472			L-15
		3	250	74							871			L-18
6	42	2	90	10							138			L-19
		2	60								120			L-24
		3	160	15							566			L-26
		1	150	10							150			L-27
		3	40	10							133			L-29
		*2	30	2							20			*L-30
		*5	52	5							210			*L-30
		*8	18	2							77			*L-30
		4	125								480			L-32
		2	106	6							175			L-35
		2	144	40							288			L-40
		1	200	10							306			L-42
		2	143	14	75						357			L-48
		2	80	4							144			L-58

## SCHUYLER COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-59	Jesse Beam.....	Littleton.....	20	-----	-----	-----	20
L-63	Ross Van Winkle.....	Birmingham.....	30	-----	-----	-----	30
L-68	Otis Gorsuch.....	Littleton.....	669	-----	-----	-----	669
L-73	Monarch Coal Co.....	Clayton.....	2, 019	-----	-----	-----	2, 019
L-74	Newell & Crane.....	Rushville.....	190	-----	-----	-----	190
L-76*	Harry Johnson.....	Littleton.....	80	-----	-----	-----	80
L-76*	Hallie Reeve.....	Brooklyn.....	64	-----	-----	-----	64
L-77	H. C. Kindhart.....	La Prairie.....	304	-----	-----	-----	304
L-78	Pershing Bros.....	Littleton.....	48	-----	-----	-----	48
L-79	Ed Curd.....	Augusta.....	89	-----	-----	-----	89
	35 local mines total.....	-----	55, 232	-----	-----	-----	50, 846

## WARREN COUNTY

LOCAL MINES.						
L-1	Howards Coal Mine.....	Alexis.....	5, 305	-----	-----	5, 305
L-2*	Richardson & Sons.....	Alexis.....	810	-----	-----	810
L-2*	George Baker.....	Alexis.....	1, 955	-----	-----	1, 900
L-3	Manuel Bros.....	Roseville.....	166	-----	-----	160
L-4	Frank Clayton.....	Avon.....	60	-----	-----	54
L-6	Taylor Bros.....	Monmouth.....	140	-----	-----	83
L-14	Jack Hughes.....	St. Augustine.....	18	-----	-----	16
L-15	Cyrus Nemrick.....	St. Augustine.....	21	-----	-----	20
L-16	John G. Lee.....	Roseville.....	16	-----	-----	15
	8 local mines total.....	-----	8, 491	-----	-----	8, 363



## THIRD DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	1	20	1	-----	-----	-----	-----	-----	-----	20	-----	-----	L-59
-----	-----	1	30	3	-----	-----	-----	-----	-----	-----	30	-----	-----	L-63
-----	-----	3	245	10	-----	-----	-----	-----	-----	-----	669	-----	-----	L-68
-----	-----	10	70	-----	-----	-----	-----	-----	-----	-----	-----	2,019	-----	L-73
-----	-----	2	40	-----	50	-----	-----	-----	-----	-----	-----	190	-----	L-74
-----	-----	*4	30	-----	-----	-----	-----	-----	-----	-----	80	-----	-----	*L-76
-----	-----	*2	40	8	-----	-----	-----	-----	-----	-----	64	-----	-----	*L-76
-----	-----	7	21	-----	-----	-----	-----	-----	-----	-----	-----	304	-----	L-77
-----	-----	1	40	8	-----	-----	-----	-----	-----	-----	48	-----	-----	L-78
-----	-----	3	40	-----	-----	-----	-----	-----	-----	-----	89	-----	-----	L-79
1,071	3,315	172	133	2,467	125	-----	-----	1	-----	17,881	34,838	2,513	12	

## THIRD DISTRICT.

-----	-----	10	300	500	-----	-----	-----	-----	-----	-----	5,305	-----	-----	L-1
-----	-----	*10	60	-----	2,000	-----	-----	-----	-----	-----	810	-----	-----	*L-2
55	-----	*10	100	-----	3,300	-----	-----	-----	-----	-----	1,955	-----	-----	*L-2
6	-----	4	125	-----	-----	-----	-----	-----	-----	-----	166	-----	-----	L-3
6	-----	1	50	-----	-----	-----	-----	-----	-----	-----	60	-----	-----	L-4
57	-----	2	270	-----	-----	-----	-----	-----	-----	-----	140	-----	-----	L-6
2	-----	1	16	-----	-----	-----	-----	-----	-----	-----	18	-----	-----	L-14
1	-----	1	15	-----	-----	-----	-----	-----	-----	-----	21	-----	-----	L-15
1	-----	1	20	-----	-----	-----	-----	-----	-----	-----	16	-----	-----	L-16
128	-----	30	120	500	5,300	-----	-----	-----	-----	-----	8,491	-----	-----	

## THIRD DISTRICT, SHIPPING MINES—

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Fulton.....	10	2,660,132	1,597,281	791,530	-----	158,355	21,876	91,090
Knox.....	1	499,309	402,636	96,673	-----	-----	-----	-----
Total.....	11	3,159,441	1,999,917	888,203	-----	158,355	21,876	91,090

<sup>1</sup> 71,795 tons loaded on barges.

## LOCAL

Adams.....	4	21,024	-----	-----	-----	20,082	300	642
Brown.....	7	812	-----	-----	-----	799	9	4
Fulton.....	98	315,272	-----	-----	-----	309,347	2,862	3,063
Hancock.....	5	3,101	-----	-----	-----	3,101	-----	-----
Knox.....	29	154,044	-----	-----	-----	144,470	5,933	3,641
McDonough.....	25	4,790	-----	-----	-----	4,754	28	8
Schuyler.....	35	55,232	-----	-----	-----	50,846	1,071	3,315
Warren.....	8	8,491	-----	-----	-----	8,363	128	-----
Total.....	211	562,766	-----	-----	-----	541,762	10,331	10,673

## ALL

Adams.....	4	21,024	-----	-----	-----	20,082	300	642
Brown.....	7	812	-----	-----	-----	799	9	4
Fulton.....	108	2,975,404	1,597,281	791,530	-----	467,702	24,738	94,153
Hancock.....	5	3,101	-----	-----	-----	3,101	-----	-----
Knox.....	30	653,353	402,636	96,673	-----	144,470	5,933	3,641
McDonough.....	25	4,790	-----	-----	-----	4,754	28	8
Schuyler.....	35	55,232	-----	-----	-----	50,846	1,071	3,315
Warren.....	8	8,491	-----	-----	-----	8,363	128	-----
Total.....	222	3,722,207	1,999,917	888,203	-----	700,117	32,207	101,763

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
942	178	867	98,435	18,040	165,475	12	7	169,919	-----	2,490,213	31
99	198	-----	-----	-----	-----	-----	-----	-----	-----	499,309	-----
1,041	179	867	98,435	18,040	165,475	12	7	169,919	-----	2,989,522	31

## MINES.

44	77	-----	2,500	2,700	-----	-----	-----	-----	-----	21,024	-----
19	59	10	75	-----	-----	-----	-----	-----	602	210	-----
716	122	12,164	50,500	100	-----	11	3	103,842	161,246	50,184	105
24	80	50	-----	-----	-----	-----	-----	-----	3,101	-----	1
315	107	2,250	17,700	-----	2,000	8	3	129,612	23,822	610	49
83	76	-----	-----	-----	-----	-----	-----	-----	4,648	142	2
172	132	2,467	125	-----	-----	1	-----	17,881	34,838	2,513	12
30	120	500	5,300	-----	-----	-----	-----	-----	8,491	-----	-----
1,403	112	17,441	76,200	2,800	2,000	20	6	251,335	236,748	74,683	169

## MINES.

44	77	-----	2,500	2,700	-----	-----	-----	-----	-----	21,024	-----
19	55	10	75	-----	-----	-----	-----	-----	602	210	-----
1,658	127	13,031	148,935	18,140	165,475	23	10	273,761	161,246	2,540,397	136
24	80	50	-----	-----	-----	-----	-----	-----	3,101	-----	1
414	110	2,250	17,700	-----	2,000	8	3	129,612	23,822	499,919	49
83	76	-----	-----	-----	-----	-----	-----	-----	4,648	142	2
172	133	2,467	125	-----	-----	1	-----	17,881	34,838	2,513	12
30	120	500	5,300	-----	-----	-----	-----	-----	8,491	-----	-----
2,444	116	18,308	174,635	20,840	167,475	32	13	421,254	236,748	3,064,205	200

## FOURTH DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Fourth Inspection District comprising the coal producing counties of Cass, Christian, Logan, Menard, Morgan, Sangamon and Scott for the year ending December 31, 1938.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
HARRY ROBERTS, *Inspector.*

## FOURTH DISTRICT.

	1938	1937	1936	1935	1934
Number of counties producing coal	7	7	6	6	6
Number of shipping mines	13	14	14	16	16
Number of local mines	35	36	33	49	39
Number of employees underground	4,705	5,280	5,465	5,588	5,308
Number of employees on surface	933	1,002	985	987	995
Total number employed	5,638	6,282	6,450	6,575	6,303
Tons of coal produced in shipping mines	5,363,931	7,082,294	7,161,880	6,245,745	6,056,629
Tons of coal produced in local mines	395,472	421,852	337,714	332,113	266,815
Tons of coal produced, total	5,759,403	7,504,146	7,499,594	6,577,858	6,323,444
Days operated, shipping mines, average	139	165	172	151	160
Days operated, local mines, average	171	161	161	155	153
Number of undercutting machines	60	60	63	62	80
Tons undercut	4,820,263	5,949,443	5,837,013	4,838,589	4,671,424
Tons mined by hand	939,140	1,554,703	1,662,581	1,739,269	1,652,020
Tons mined in strip mines					
Number of loading machines used	269	268	244	224	255
Tons loaded mechanically	4,681,835	5,758,309	5,500,804	4,536,678	4,349,790
Number of fatal accidents	9	5	12	7	12
Number of non-fatal accidents	380	473	525	466	505
Number of employees to each fatality	626	1,256	538	939	525
Number employed to each non-fatal accident	14.8	13.3	12	14.1	12.5
Tons of coal mined to each fatality	639,934	1,500,829	624,960	939,694	526,954
Tons mined to each non-fatal accident	15,156	15,865	14,285	14,116	12,522
Number of fatalities per 1,000 employed	1.6	.8	1.9	1.1	1.9
Number injured per 1,000 employed	67.4	75.3	81.4	70.9	80.1

## SUSPENDED OPERATION.

The Mine "B" Coal Company, Sangamon County.

## IDLE MINES.

Pana Coal Company No. 2, Pana, Christian County.

Panther Creek Mines, Inc., No. 1, Auburn, Sangamon County.

Panther Creek Mines, Inc., No. 3, Springfield, Sangamon County.  
 Peabody Coal Company No. 6, Sherman, Sangamon County.  
 Peabody Coal Company No. 21, Stonington, Christian County.  
 Peabody Coal Company No. 52, Riverton, Sangamon County.  
 Peabody Coal Company No. 54, Auburn, Sangamon County.  
 Peabody Coal Company No. 55, Springfield, Sangamon County.

#### FATAL ACCIDENTS.

January 8, Frank Richter, tracklayer, aged 60 years, married, killed by fall of rock in mine No. 8 of the Peabody Coal Co., leaving widow.

February 21, Willis D. Howard, tracklayer, aged 56 years, married, crushed by cars at mine No. 9 of the Peabody Coal Co., leaving widow.

March 3, Kenneth Love, assistant mine manager, aged 35 years, married, died from overexertion while rendering first aid in mine No. 57 of the Peabody Coal Co., leaving widow and three children.

March 12, Harry Naylor, driver, aged 41 years, married, killed by cars in mine of Greenview Mining Co., leaving widow and one child.

April 29, Charles Roth, assistant manager, aged 55 years, married, accidental death from suffocation in mine of Mine B Coal Co., leaving widow and one child.

May 24, Henry Peters, company man, aged 55 years, widower, death from suffocation in mine No. 57 of the Peabody Coal Co., leaving no dependents.

November 14, Chester Daugherty, loading machine helper, aged 51 years, died from injuries received October 27th when he fell against loading machine fracturing his spine, in mine No. 7 of the Peabody Coal Co., leaving widow and eight children.

December 5, Merle Cass, loading machine helper, aged 33 years, married, killed by fall of rock in mine No. 8 of the Peabody Coal Co., leaving widow and one child.

December 16, Hardy Pierceall, loader, aged 49 years, married, killed by fall of coal in mine No. 81 of the Brewerton Co., leaving widow.

## FATAL ACCIDENTS, FOURTH DISTRICT, 1938.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Dec. 5	Dec. 5	Merle Cass.	33	Loading machine helper.	Edinburg	Peabody Coal Co.	8	1	1	1	1	1	Fall of rock.
Oct. 27	Nov. 14	Chester Daugherty	51	Loading machine helper.	Taylorville	Peabody Coal Co.	7	1	1	1	1	8	Fell against loading machine.
Feb. 21	Feb. 21	Willis D. Howard	56	Tracklayer	Taylorville	Peabody Coal Co.	9	1	1	1	1	1	Crushed by cars.
Mar. 3	Mar. 3	Kenneth Love	35	Asst. mine mgr.	Springfield	Peabody Coal Co.	57	1	1	1	1	3	Overexertion.
Mar. 12	Mar. 12	Harry Naylor	41	Driver	Sweetwater	Greenview Mining Co.	57	1	1	1	1	2	Crushed by car.
May 24	May 24	Henry Peters	55	Company man.	Springfield	Peabody Coal Co.	57	1	1	1	1	1	Suffocation.
Dec. 16	Dec. 17	Hardy Pierceall	49	Loader	Riverton	Brewerton Co.	81	1	1	1	1	1	Fall of slate.
Dec. 29	Apr. 29	Charles Roth	55	Asst. manager.	Virden	Mine B Coal Co.	8	1	1	1	1	2	Suffocation.
Jan. 8	Jan. 8	Frank Richter	60	Tracklayer	Bulpitt	Peabody Coal Co.	8	1	1	1	1	1	Fall of rock.

## NON-FATAL ACCIDENTS, FOURTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.		Month.	Number injured.
						Total.	Average.		Total.	Average.		
Central Illinois Coal Mining Co., "A"	12	3	233	26	5	87	17	4	146	37	January	55
Pana Coal Co.	7	1	209	30	6	104	17	1	105	105	February	27
Panther Creek Mines, No. 4	12	1	163	15	11	163	15				March	37
Panther Creek Mines, No. 5	28	1	836	31	20	313	16				April	34
Peabody Coal Co., No. 7	53	6	1,808	38	21	344	16	26	523	75	May	19
Peabody Coal Co., No. 8	38	4	1,500	44	18	209	12	16	1,464	56	June	23
Peabody Coal Co., No. 9	60	4	2,037	36	28	373	13	28	1,664	81	July	16
Peabody Coal Co., No. 53	34	9	1,085	43	11	206	19	14	1,879	59	August	29
Peabody Coal Co., No. 57	37	6	1,028	33	25	355	14	6	673	112	September	38
Peabody Coal Co., No. 58	33	6	911	34	16	228	14	11	683	62	October	28
Peabody Coal Co., No. 59	40	1	759	19	31	454	15	8	305	38	November	45
Penwell Coal Mining Co.	8	3	162	32	3	65	22	2	97	49	December	29
Shipping mines	362	44	10,731	34	195	2,901	15	123	7,830	64		380
Local Mines	18	4	496	35	7	120	17	7	376	54		
Total	380	48	11,227	34	202	3,021	15	130	8,206	63		

## CASS COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Thievaught Coal Co. ....	Beardstown.....	1,064	-----	-----	-----	1,014
L-7	Fred Roloff.....	Virginia.....	799	-----	-----	-----	799
L-9	Newmansville Coal Co. ....	Ashland.....	769	-----	-----	-----	683
	3 local mines total.....	-----	2,632	-----	-----	-----	2,496

## CHRISTIAN COUNTY

SHIPPING MINES.							
S-1	Pana Coal Co. ....	Pana.....	40,477	7,936	-----	7,071	20,377
S-2	Peabody Coal Co., No. 7.....	Kincaid.....	923,362	874,930	42,685	-----	4,924
S-3	Peabody Coal Co., No. 8.....	Kincaid.....	950,278	883,867	62,622	-----	3,117
S-4	Peabody Coal Co., No. 9.....	Taylorville.....	955,789	900,722	54,230	-----	-----
S-5	Peabody Coal Co., No. 58.....	Taylorville.....	745,288	623,326	61,262	-----	54,696
S-6	Penwell Coal Mining Co. ....	Pana.....	78,948	43,650	2,836	-----	27,711
	6 shipping mines total.....	-----	3,694,142	3,334,431	223,635	7,071	110,824
LOCAL MINES.							
L-1	Edinburg Coal Co. ....	Edinburg.....	10,548	-----	-----	-----	9,864
	7 all mines total.....	-----	3,704,690	3,334,431	223,635	7,071	120,688

## LOGAN COUNTY

LOCAL MINES.							
L-1	Deer Creek Mine.....	Lincoln.....	15,674	-----	-----	-----	15,470

## MENARD COUNTY

LOCAL MINES.							
L-1	Greenview Mining Co. ....	Greenview.....	40,756	-----	-----	-----	40,036
L-2	Johnson Valley Coal Co. ....	Middletown.....	34,900	-----	-----	-----	33,400
L-3	Charles Whitehurst.....	Tallula.....	8,581	-----	-----	-----	8,237
L-4	Perkins Coal Co. ....	Athens.....	4,109	-----	-----	-----	4,109
L-5	Indian Creek Coal Co. ....	Petersburg.....	6,750	-----	-----	-----	6,050
L-6	John W. Mallergren.....	Petersburg.....	7,362	-----	-----	-----	6,038
L-7	Old Salem Coal Corp. ....	Petersburg.....	3,260	-----	-----	-----	2,735
L-8*	Klingbeil Coal Co. ....	Petersburg.....	2,307	-----	-----	-----	2,082
L-8*	Pleasant Hill Coal Co. ....	Petersburg.....	1,995	-----	-----	-----	1,600
L-9	Lincoln Mine.....	Petersburg.....	5,065	-----	-----	-----	4,740
L-10	Tebrugge Bros. ....	Petersburg.....	1,520	-----	-----	-----	1,395
	10 local mines total.....	-----	116,605	-----	-----	-----	110,422

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## FOURTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number of animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—Kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	50	5	120	90	-----	-----	-----	-----	-----	-----	1,064	-----	-----	L-1
86	-----	3	160	-----	-----	-----	-----	-----	-----	-----	799	-----	-----	L-7
-----	86	4	200	50	-----	-----	-----	-----	-----	-----	769	-----	1	L-9
86	50	12	160	140	-----	-----	-----	-----	-----	-----	2,632	-----	1	-----

## FOURTH DISTRICT.

3,666	1,427	127	82	-----	6,400	-----	1,750	1	1	3,280	37,197	-----	7	S-1
824	-----	527	155	-----	356,000	-----	-----	5	26	923,362	-----	-----	-----	S-2
672	-----	527	153	-----	360,950	-----	-----	6	34	950,278	-----	-----	-----	S-3
837	-----	554	159	-----	333,600	7,550	-----	6	31	955,789	-----	-----	-----	S-4
6,004	-----	412	180	-----	203,100	3,000	-----	4	22	745,288	-----	-----	-----	S-5
4,257	494	240	43	-----	10,625	-----	9,200	1	2	2,050	76,898	-----	13	S-6
16,260	1,921	2,387	129	-----	1,270,675	10,550	10,950	23	116	3,580,047	114,095	-----	20	-----
684	-----	24	142	90	-----	-----	-----	1	-----	10,548	-----	-----	4	L-1
16,944	1,921	2,411	131	90	1,270,675	10,500	10,950	24	116	3,590,595	114,095	-----	24	-----

## FOURTH DISTRICT.

-----	204	18	243	970	-----	-----	-----	-----	-----	-----	15,674	-----	-----	L-1
-------	-----	----	-----	-----	-------	-------	-------	-------	-------	-------	--------	-------	-------	-----

## FOURTH DISTRICT.

720	-----	55	176	-----	46,350	-----	-----	1	1	40,756	-----	-----	3	L-1
1,500	-----	27	200	350	-----	-----	-----	2	1	34,900	-----	-----	2	L-2
344	-----	13	269	450	-----	-----	-----	-----	-----	-----	8,581	-----	2	L-3
-----	-----	7	168	500	-----	-----	-----	-----	-----	-----	4,109	-----	2	L-4
400	300	10	186	300	-----	-----	-----	-----	-----	-----	6,750	-----	1	L-5
420	904	19	210	411	-----	-----	-----	-----	-----	-----	7,362	-----	1	L-6
375	150	12	144	418	-----	-----	-----	-----	-----	-----	3,260	-----	2	L-7
-----	225	* 9	91	108	-----	-----	-----	-----	-----	-----	2,307	-----	2	*L-8
15	380	*12	84	100	-----	-----	-----	-----	-----	-----	1,995	-----	2	*L-8
325	-----	12	171	400	-----	-----	-----	-----	-----	-----	5,065	-----	2	*L-9
125	-----	4	170	95	-----	-----	-----	-----	-----	-----	1,520	-----	-----	L-10
4,224	1,959	170	187	3,132	46,350	-----	-----	3	2	75,656	40,949	-----	17	-----

## MORGAN COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Wagstaff & Smith.....	Murrayville.....	350				346
L-2	W. C. Fisher.....	Murrayville.....	1,000				900
	2 local mines total.....		1,350				1,246

## SANGAMON COUNTY

	SHIPPING MINES.						
S-1	Central Illinois Coal Mining Co., "A".....	Springfield.....	152,330	25,266	84,861		32,043
S-3	Panther Creek Mines, No. 4.....	Springfield.....	175,531	97,427	41,873		33,859
S-4	Panther Creek Mines, No. 5.....	Springfield.....	238,090	110,233	53,881		70,585
S-5	Peabody Coal Co., No. 53.....	Springfield.....	380,768	209,629	107,278		63,035
S-6	Peabody Coal Co., No. 57.....	Springfield.....	320,499	238,928	10,090		63,103
S-7	Peabody Coal Co., No. 59.....	Springfield.....	290,782	243,483	29,629	645	14,040
S-9	Brewerton Co., The.....	Springfield.....	111,789	92,846			18,943
	7 shipping mines total.....		1,669,789	1,027,812	327,612	645	295,608
	LOCAL MINES.						
L-1	Panther Creek Mines, No. 2.....	Springfield.....	89,241				80,980
L-2	Number Twelve Coal Co.....	Springfield.....	23,864				22,366
L-3	Howard Coal Co.....	Sherman.....	17,020				17,020
L-4	Barr Coal Co.....	Athens.....	28,866				28,016
L-5	Happy Hollow Mine.....	Pleasant Plains.....	6,555				6,555
L-6	Bethel Mine.....	Pleasant Plains.....	6,614				6,067
L-7	Bryan Eddy.....	Cantrall.....	18,056				17,456
L-8	Cosmo Coal Corp.....	Loami.....	4,894				4,872
L-9	Tony Enders.....	Pleasant Plains.....	1,500				1,400
L-10	Cantrall Coal Co.....	Petersburg.....	10,747				10,317
L-11	Wenneborg Coal Co.....	New Berlin.....	3,551				3,351
L-12	Plains Mining Co.....	Pleasant Plains.....	4,380				4,250
L-13	Springfield Salisbury Coal Co.....	Pleasant Plains.....	8,282				8,282
L-15	Denkert Coal Co.....	Riverton.....	23,048				22,510
L-16	Riddle Hill Coal Co.....	Springfield.....	300				300
	15 local mines total.....		246,918				233,742
	22 all mines total.....		1,916,707	1,027,812	327,612	645	529,350

## SCOTT COUNTY

	LOCAL MINES.					
L-1	Hosking Bros.....	Winchester.....	796			796
L-2	Earl Gray.....	Winchester.....	805			790
L-3	Josh Hepworth.....	Alsey.....	144			132
	3 local mines total.....		1,745			1,718

## FOURTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number
Tons consumed at the mine.	All coal not sold including waste.			Powder—Kegs.	Pellet powder—pounds.	Dynamite—pounds.	Fermissibles—pounds.	Mining machines.	Motors.					
4	-----	4	100	-----	-----	-----	-----	-----	-----	-----	350	-----	-----	L-1
100	-----	8	185	-----	-----	-----	-----	-----	-----	-----	1,000	-----	-----	L-2
104	-----	12	143	-----	-----	-----	-----	-----	-----	-----	1,350	-----	-----	

## FOURTH DISTRICT.

160		325	94	344	197,300				4		152,330		22	S-1
920	1,452	422	129	9,308					2		175,531		22	S-3
3,081	310	437	174	12,492		50			3		238,090		26	S-4
826		417	139		466,950			7	8	380,768		45	S-5	
5,218	3,160	427	120		396,900			8	7	320,499		36	S-6	
2,985		402	112		369,400			9	6	290,782		42	S-7	
		139	262		100,000			4	2	111,789		11	S-9	
13,190	4,922	2,569	147	22,144	1,530,550	50		28	32	1,103,838	565,951		204	
119	8,142	210	129	4,597					2		89,241		12	L-1
700	798	60	131	695	10,050						23,864		9	L-2
		20	161	236				1		17,020		4	L-3	
50	800	18	128	599	17,625						28,866		4	L-4
		12	184	417				1		6,555		1	L-5	
547		13	250	389							6,614		2	L-6
350	250	12	280	1,000							18,056		2	L-7
22		12	174	446							4,894		3	L-8
100		11	140	100							1,500		2	L-9
430		20	208	320							10,747		1	L-10
200		9	192	75				2		3,551		2	L-11	
130		8	140	200							4,380		2	L-12
		11	160	530							8,282		2	L-13
38	500	14	230	198	5,700			1		23,048		4	L-15	
		8	38	30							300		1	L-16
2,686	10,490	438	170	9,832	33,375			5	2	50,174	196,744		51	
15,876	15,412	3,007	162	31,976	1,563,925	50		33	34	1,154,012	762,695		255	

## FOURTH DISTRICT.

-----	-----	4	178	50	-----	-----	-----	-----	-----	-----	796	-----	-----	L-1
15	-----	3	140	-----	-----	-----	-----	-----	-----	-----	805	-----	-----	L-2
12	-----	1	100	-----	-----	-----	-----	-----	-----	-----	144	-----	-----	L-3
27	-----	8	139	50	-----	-----	-----	-----	-----	-----	1,745	-----	-----	

## FOURTH DISTRICT, SHIPPING MINES—

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Christian.....	6	3,694,142	3,334,431	223,635	7,071	110,824	16,260	1,921
Sangamon.....	7	1,669,789	1,027,812	327,612	645	295,608	13,190	4,922
Total.....	13	5,363,931	4,362,243	551,247	7,716	406,432	29,450	6,843

## LOCAL

Cass.....	3	2,632	-----	-----	-----	2,496	86	50
Christian.....	1	10,548	-----	-----	-----	9,864	684	-----
Logan.....	1	15,674	-----	-----	-----	15,470	-----	204
Menard.....	10	116,605	-----	-----	-----	110,422	4,224	1,959
Morgan.....	2	1,350	-----	-----	-----	1,246	104	-----
Sangamon.....	15	246,918	-----	-----	-----	233,742	2,686	10,490
Scott.....	3	1,745	-----	-----	-----	1,718	27	-----
Total.....	35	395,472	-----	-----	-----	374,958	7,811	12,703

## ALL

Cass.....	3	2,632	-----	-----	-----	2,496	86	50
Christian.....	7	3,704,690	3,334,431	223,635	7,071	120,688	16,944	1,921
Logan.....	1	15,674	-----	-----	-----	15,470	-----	204
Menard.....	10	116,605	-----	-----	-----	110,422	4,224	1,959
Morgan.....	2	1,350	-----	-----	-----	1,246	104	-----
Sangamon.....	22	1,916,707	1,027,812	327,612	645	529,350	15,876	15,412
Scott.....	3	1,745	-----	-----	-----	1,718	27	-----
Total.....	48	5,759,403	4,362,243	551,247	7,716	781,390	37,261	19,546

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
2,387	129	-----	1,270,675	10,550	10,950	23	116	3,580,047	114,095	-----	20
2,569	147	22,144	1,530,550	50	-----	28	32	1,103,838	565,951	-----	204
4,956	139	221,144	2,801,225	10,600	10,950	51	148	4,683,885	680,046	-----	224

## MINES.

12	160	140	-----	-----	-----	-----	-----	-----	2,632	-----	1
24	142	90	-----	-----	-----	1	-----	10,548	-----	-----	4
18	243	970	-----	-----	-----	-----	1	-----	15,674	-----	-----
170	187	3,132	46,350	-----	-----	3	2	75,656	40,949	-----	17
12	143	-----	-----	-----	-----	-----	-----	-----	1,350	-----	-----
438	170	9,832	33,375	-----	-----	5	2	50,174	196,744	-----	51
8	139	50	-----	-----	-----	-----	-----	-----	1,745	-----	-----
682	171	14,214	79,725	-----	-----	9	5	136,378	259,094	-----	73

## MINES.

12	160	140	-----	-----	-----	-----	-----	-----	2,632	-----	1
2,411	131	90	1,270,675	10,550	10,950	24	116	3,590,595	114,095	-----	24
18	243	970	-----	-----	-----	-----	1	-----	15,674	-----	-----
170	187	3,132	46,350	-----	-----	3	2	75,656	40,949	-----	17
12	143	-----	-----	-----	-----	-----	-----	-----	1,350	-----	-----
3,007	162	31,976	1,563,925	50	-----	33	34	1,154,012	762,695	-----	255
8	139	50	-----	-----	-----	-----	-----	-----	1,745	-----	-----
5,638	162	36,358	2,880,950	10,600	10,950	60	153	4,820,263	939,140	-----	297

## FIFTH DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Fifth Inspection District comprising the coal producing counties of Edgar, Macon and Vermilion for the year ending December 31, 1938.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
THOMAS MCKENNA, *Inspector.*

## FIFTH DISTRICT.

	1938	1937	1936	1935	1934
Number of counties producing coal .....	3	3	3	3	3
Number of shipping mines .....	7	8	7	8	7
Number of local mines .....	92	100	124	147	131
Number of employees underground .....	2,610	2,785	2,950	3,109	3,042
Number of employees on surface .....	549	469	442	448	448
Total number employed .....	3,159	3,254	3,392	3,357	3,490
Tons of coal produced in shipping mines .....	1,434,773	2,055,848	2,138,928	1,850,109	1,840,005
Tons of coal produced in local mines .....	356,603	427,419	386,544	362,528	294,111
Tons of coal produced, total .....	1,791,376	2,483,267	2,525,472	2,212,637	2,134,116
Days operated, shipping mines, average .....	128	133	178	148	151
Days operated, local mines, average .....	126	129	115	104	125
Number of undercutting machines .....	82	90	94	80	77
Tons undercut .....	1,445,942	2,121,250	2,193,932	1,886,197	1,889,462
Tons mined by hand .....	118,691	178,995	185,908	225,673	202,195
Tons mined in strip mines .....	226,743	183,022	145,632	100,767	42,459
Number of loading machines used .....	43	59	47	54	45
Tons loaded mechanically .....	662,385	863,700	732,656	514,328	568,249
Number of fatal accidents .....	10	7	8	7	8
Number of non-fatal accidents .....	162	222	259	225	247
Number of employees to each fatality .....	316	465	424	508	436
Number employed to each non-fatal accident .....	19.5	14.7	13.1	15.8	14.1
Tons of coal mined to each fatality .....	179,138	354,752	315,684	316,091	266,765
Tons mined to each non-fatal accident .....	11,058	11,186	9,751	9,834	8,640
Number of fatalities per 1,000 employed .....	3.1	2.2	2.4	2.0	2.3
Number injured per 1,000 employed .....	51.3	68.2	76.4	63.2	70.8

## ABANDONED MINE.

Pyramid Coal Corporation No. 2, Vermilion County.

## IDLE MINES.

Lovington Coal Mining Company, Moultrie County.

United States Fuel Company, "Vermilion", Vermilion County.

## FATAL ACCIDENTS.

January 12, Ralph Grimes, miner, aged 24 years, married, killed by fall of rock in mine No. 24 of the Peabody Coal Co., leaving widow and one child.

January 27, James Hutchons Talbert, Jr., miner, aged 19 years, single, killed by fall of rock in mine of Diamond Coal Co., no dependents.

February 15, Fred Weidenburner, timberman, aged 59 years, widower, killed by fall of rock in mine No. 24 of the Peabody Coal Co., no dependents.

February 23, Stanley H. Chrostowski, loader operator assistant, aged 29 years, married, crushed between cars and loading machine in the Bunsenville mine of the United States Fuel Co., leaving widow and two children.

June 2, Herbert Evans, machine helper and loader, aged 49 years, married, from burns received in explosion of keg of powder in mine of Quality Coal Co., died June 14, leaving widow and two children.

June 2, Arthur Williamson, machine runner and miner, aged 40 years, married, from burns received in explosion of keg of powder in mine of Quality Coal Co., died June 24th, leaving widow and five children.

June 2, George Yanks, miner and operator, aged 46 years, married, from burns received in explosion of keg of powder in mine of Quality Coal Co., died June 7th leaving widow.

July 16, Wilbur Colwell, miner, aged 46 years, married, killed by fall of rock in mine of Hegeler Zinc Co., leaving widow and four children.

August 19, John Chrostowski, miner, aged 63 years, married, killed by powder explosion in the Bunsenville mine of the United States Fuel Co., leaving widow and two children.

December 15, Robert Brooks, tracklayer, aged 28 years, married, killed by fall of rock in mine No. 24 of the Peabody Coal Co., leaving widow and two children.

FATAL ACCIDENTS, FIFTH DISTRICT, 1938.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Dec. 15	Dec. 13	Robert Brooks.	28	Tracklayer.	Georgetown	Peabody Coal Co.	24	1	1	1	2	3	Fall of rock.
Aug. 19	Aug. 20	John Chrostowski.	63	Miner.	Westville.	U. S. Fuel Co.	Bun	1	1	1	1	1	Powder explosion.
Feb. 23	Feb. 24	Stanley Chrostowski.	29	Loader opr. asst.	Westville.	U. S. Fuel Co.	Bun	1	1	1	2	3	Crushed between car and loading machine.
July 16	July 16	Wilbur Colwell.	46	Miner.	Danville.	Hegeler Zinc Co.		1	1	1	4	5	Fall of rock.
June 2	June 14	Herbert Evans.	49	Machine helper	Danville.	Quality Coal Co.		1	1	1	2	3	Powder explosion.
Jan. 12	Jan. 12	Ralph Grimes.	24	Miner.	Georgetown.	Peabody Coal Co.	24	1	1	1	1	2	Fall of rock.
Jan. 27	Jan. 27	James Hutchons Talbert, Jr.	19	Miner.	Grape Creek.	Diamond Coal Co.		1	1	1	2	2	Fall of rock.
Feb. 15	Feb. 17	Fred Weidenburner.	59	Timberman.	Danville.	Peabody Coal Co.	24	1	1	1	5	6	Powder explosion.
June 2	June 24	Arthur Williamson.	40	Machine runner.	Danville.	Quality Coal Co.		1	1	1	1	1	Powder explosion.
June 2	June 7	George Yanks.	46	Miner and operator.	Danville.	Quality Coal Co.		1	1	1	1	1	Powder explosion.





## EDGAR COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-1	Lincoln City Coal Co., Inc.....	St. Berneice.....	53,210	33,366	19,205	-----	639
LOCAL MINES.							
L-1	Edgar County Coal Co.....	Paris.....	24,021	-----	-----	-----	21,465
L-2	Martin Coal Co.....	Paris.....	3,186	-----	-----	-----	2,845
L-3	Greenwalt Mine.....	Paris.....	4,027	-----	-----	-----	3,627
L-4*	Pleasant Hill Coal Co.....	Scotland.....	80	-----	-----	-----	80
L-4*	Pleasant Hill Coal Co.....	Scotland.....	87	-----	-----	-----	50
4 local mines total.....			31,401	-----	-----	-----	28,067
5 all mines total.....			84,611	33,366	19,205	-----	28,706

## MACON COUNTY

<b>SHIPPING MINES.</b>							
S-1	Macon County Coal Co.....	Decatur.....	122,328	7,499	-----	-----	111,487

## VERMILION COUNTY

<b>SHIPPING MINES.</b>							
S-1	United States Fuel Co. Bun..	Georgetown.....	605,203	335,175	248,483	2,865	10,514
S-2	Peabody Coal Co., No. 24.....	Danville.....	445,157	238,215	144,761	-----	48,226
S-3	F. C. Morgan Coal Co.....	Oakwood.....	153,993	147,525	6,468	-----	-----
S-4	Tilton Mining Co.....	Danville.....	49,259	7,044	24,533	-----	17,243
S-6	Skelton Coal Co.....	Danville.....	5,623	2,249	-----	-----	3,374
5 shipping mines total.....			1,259,235	730,208	424,545	2,865	79,357
<b>LOCAL MINES.</b>							
L-1	Hegeler Zinc Co.....	Danville.....	83,126	-----	-----	-----	-----
L-2	Crawford Coal Co.....	Oakwood.....	20,200	-----	-----	-----	18,331
L-3	Oakwood Coal Co.....	Oakwood.....	22,415	-----	-----	-----	20,999
L-4	Achille Lete & Sons Coal Co.....	Danville.....	8,839	-----	-----	-----	8,839
L-5	W. & W. Coal Co.....	Danville.....	16,515	-----	-----	-----	14,765
L-6	M. & M. Coal Co.....	Danville.....	15,000	-----	-----	-----	15,000
L-7	Central Coal Co.....	Fairmount.....	7,252	-----	-----	-----	7,102
L-8	F. B. M. Coal Co.....	Catlin.....	11,295	-----	-----	-----	11,295
L-9	Dragon Coal Co.....	Danville.....	5,599	-----	-----	-----	5,599
L-10*	M. & B. Coal Co.....	Danville.....	2,442	-----	-----	-----	2,320
L-10*	M. & B. Coal Co.....	Danville.....	4,188	-----	-----	-----	4,016
L-11	L. & S. Coal Co.....	Danville.....	5,075	-----	-----	-----	5,075
L-12†	Blackburn Coal Properties— Donaldson Fairhall, Lessor..	Danville.....	2,140	-----	-----	-----	2,140
L-13	Anderson Coal Co., No. 2.....	Catlin.....	6,517	-----	-----	-----	6,367
L-14	*Swan Coal Co.....	Danville.....	464	-----	-----	-----	439
L-14	*B-B Coal Co.....	Danville.....	780	-----	-----	-----	780
L-16	John W. Mauck & Sons Coal Co.....	Catlin.....	4,860	-----	-----	-----	4,086
L-17	Diamond Coal Co.....	Danville.....	5,876	-----	-----	-----	5,846
L-18	Black Hawk Coal Co.....	Muncie.....	6,822	-----	-----	-----	6,822

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

† Blackburn coal properties—9 small mines—changing management frequently—average 9 workmen daily—lessor collects toll for Blackburn University on tonnage mined.

## FIFTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	31	75	-----	2,950	7,700	-----	-----	-----	-----	-----	53,210	-----	S-1
2,470	86	42	185	-----	3,625	-----	-----	2	-----	24,021	-----	-----	3	L-1
41	300	7	120	-----	850	-----	-----	1	-----	3,186	-----	-----	1	L-2
400	-----	10	100	375	-----	-----	-----	-----	-----	-----	4,027	-----	1	L-3
-----	-----	*3	30	5	-----	-----	-----	-----	-----	-----	80	-----	-----	L-4
37	-----	*3	20	3	-----	-----	-----	-----	-----	-----	87	-----	-----	L-4
2,948	386	62	114	383	4,475	-----	-----	3	-----	27,207	4,194	-----	5	-----
2,948	386	93	106	383	7,425	7,700	-----	3	-----	27,207	4,194	53,210	5	-----

## FIFTH DISTRICT.

2,668	674	281	155	-----	6,500	3,500	-----	7	5	122,328	-----	-----	18	S-1
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## FIFTH DISTRICT.

3,354	4,812	1,302	116	-----	83,525	-----	63,125	32	26	605,203	-----	-----	-----	S-1
4,330	9,625	547	111	-----	31,650	13,550	101,250	25	35	445,157	-----	-----	1	S-2
-----	-----	35	149	-----	-----	-----	9,000	-----	-----	-----	153,993	-----	-----	S-3
139	-----	72	126	909	-----	-----	-----	3	-----	46,694	2,565	-----	5	S-4
-----	-----	15	163	224	-----	-----	-----	1	-----	2,561	3,062	-----	2	S-6
7,823	14,437	1,971	133	1,133	115,175	13,550	173,375	61	61	1,099,615	5,627	153,993	17	-----
83,126	-----	131	186	-----	4,275	-----	19,225	4	5	73,515	9,611	-----	-----	L-1
25	1,844	27	200	320	-----	-----	-----	1	-----	20,000	200	-----	3	L-2
-----	1,416	37	154	-----	8,900	-----	-----	2	1	22,415	-----	-----	-----	L-3
-----	-----	17	254	135	1,300	-----	-----	1	-----	7,657	1,182	-----	2	L-4
100	1,650	32	165	550	-----	-----	-----	2	-----	14,353	2,162	-----	3	L-5
-----	-----	18	140	-----	2,500	-----	-----	1	1	14,000	1,000	-----	-----	L-6
150	-----	12	150	151	-----	-----	-----	1	-----	7,252	-----	-----	2	L-7
-----	-----	12	280	214	-----	-----	-----	1	-----	11,295	-----	-----	2	L-8
-----	-----	10	188	87	-----	-----	-----	1	-----	5,599	-----	-----	1	L-9
122	-----	*11	72	48	-----	-----	-----	*1	-----	330	2,112	-----	*1	L-10
172	-----	*12	115	-----	3,500	-----	-----	*1	-----	2,792	1,396	-----	*1	L-10
-----	-----	7	186	200	-----	-----	-----	-----	-----	-----	5,075	-----	1	L-11
-----	-----	150	170	-----	-----	-----	-----	-----	-----	-----	-----	2,140	-----	L-12
50	100	11	142	135	-----	-----	-----	1	-----	6,517	-----	-----	1	L-13
-----	25	*12	25	16	-----	-----	-----	-----	-----	-----	464	-----	1	L-14
-----	-----	*3	105	51	-----	-----	-----	-----	-----	-----	780	-----	1	L-14
40	734	8	223	102	-----	-----	-----	1	-----	2,635	2,225	-----	1	L-16
30	-----	8	276	276	-----	-----	-----	-----	-----	-----	5,876	-----	1	L-17
-----	-----	11	200	446	-----	500	-----	-----	-----	-----	6,822	-----	1	L-18

## VERMILION COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total..	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-19	P. J. Dowlatt Coal Co., No. 1.	Westville.....	376				342
L-20	Pichon Coal Co.....	Catlin.....	4,510				4,471
L-22	Deep Valley Coal Co.....	Catlin.....	3,910				3,910
L-24	*Wilson Coal Co.....	Tilton.....	884				880
L-24	*Ryan & Jones Coal Co.....	Tilton.....	595				580
L-25	Jay Coal Co.....	Catlin.....	41				30
L-26	Schaefer Bros. Coal Co.....	Danville.....	459				459
L-27	*Thompson Hollow, No. 1.	Catlin.....	537				517
L-27	*Thompson Hollow, No. 1.	Catlin.....	489				489
L-29	Pearson Coal Co., No. 1.	Catlin.....	2,150				1,700
L-30	M. & P. Coal Co.....	Catlin.....	2,259				2,219
L-32	Cessna Coal Co.....	Catlin.....	1,742				1,700
L-33	Haun & Son Stripping Co.....	Danville.....	317				300
L-34	*Pearson Mine, No. 2.	Catlin.....	825				825
L-34	*Pearson Mine, No. 2.	Catlin.....	1,100				1,076
L-36	Lone Hill Coal Co.....	Danville.....	671				657
L-38	Ray Mine, No. 1.	Fairmount.....	2,004				2,004
L-41	P. J. Dowlatt Coal Co., No. 2.	Westville.....	4,763				4,763
L-43	Riverside Coal Co.....	Danville.....	1,352				1,352
L-44	Chester W. Larson.....	Oakwood.....	1,100				800
L-51	Oscar R. Frederickson.....	Danville.....	725				720
L-54	George Bros. Coal Co.....	Fairmount.....	2,548				2,548
L-55	Lind & Son Coal Co., No. 1.	Danville.....	960				775
L-56	Burgoyne Coal Co.....	Catlin.....	3,314				3,314
L-60	Alva Worley.....	Tilton.....	818				818
L-61	Salt Fork Coal Co.....	Catlin.....	317				218
L-62	William A. Weir.....	Tilton.....	338				338
L-63	Harold Shroyer.....	Catlin.....	3,530				3,500
L-64	*W. E. Williams Coal Co., No. 2.	Westville.....	204				204
L-64	*W. E. Williams Coal Co., No. 2.	Westville.....	305				305
L-65	Eureka Coal Co.....	Danville.....	750				750
L-66	Riverbank Coal Co.....	Muncie.....	700				700
L-67	*Gibson Coal Co.....	Catlin.....	1,200				1,200
L-67	*Bock Coal Co.....	Catlin.....	736				705
L-68	Quality Coal Co.....	Danville.....	4,522				4,477
L-70	Lovett & Son Coal Co.....	Catlin.....	1,168				1,168
L-72	A. D. & L. Coal Co.....	Danville.....	1,050				925
L-73	Dedryvere Coal Co.....	Catlin.....	3,144				3,144
L-75	Lind Coal Co., No. 2.....	Danville.....	570				498
L-76	*New Grape Creek Coal Co., No. 2.	Westville.....	226				126
L-76	*New Grape Creek Coal Co., No. 2.	Westville.....	65				65
L-77	Catlin Coal Co.....	Catlin.....	2,158				2,140
L-80	Bert Hunt.....	Danville.....	751				740
L-81	Pierce Coal Co.....	Danville.....	499				499
L-84	McFarland-Wilson Coal Co.....	Tilton.....	721				721
L-88	King Coal Co.....	Fairmount.....	1,759				1,700
L-91	Sheward Coal Co., No. 2.	Catlin.....	1,000				950
L-92	Johnson Coal Co., No. 2.	Westville.....	200				175
L-97	Del Valley Coal Co., No. 3.	Danville.....	1,200				1,200
L-98	Larson & Sons, No. 2.	Catlin.....	614				614
L-100	*Short Coal Co., No. 2.	Georgetown.....	139				139
L-100	*Phillips Stripping Co.....	Georgetown.....	490				450
L-102	*I. & W. Coal Co.....	Tilton.....	300				300
L-102	*I. & W. Coal Co.....	Tilton.....	30				25
L-107	*Taylor Coal Co.....	Fairmount.....	325				325
L-107	*Johnson Coal Co., No. 3.	Fairmount.....	2,582				2,582
L-107	*Povelone's Coal Co.....	Fairmount.....	974				974
L-109	*Jinkins Bros. Coal Co.....	Catlin.....	348				348
L-109	*Howard Coal Co., No. 2.	Catlin.....	555				550
L-110	W. & B. Coal Co.....	Catlin.....	1,635				1,635

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## FIFTH DISTRICT—Continued.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
34		7	18	18							376		1	L-19
	39	9	201	187							4,510		1	L-20
		8	198	82									1	L-22
4		*6	40	60				1		3,910	884		1	*L-24
	15	*4	87	40		60					595		1	*L-24
11		4	7	2							41		1	L-25
		5	40	25							459		1	L-26
20		*6	65	28							537		1	*L-27
		*3	90	22							489		1	*L-27
150	300	5	200	140							2,150		1	L-29
40		5	109	113							2,259		1	L-30
42		7	65	87							1,742		1	L-32
17		2	60	4								317	1	L-33
		*4	140	50			350				825		1	*L-34
24		*5	132	71							1,100		1	*L-34
14		4	100	28							671		1	L-36
		4	143	110							2,004		1	L-38
		7	150	280							4,763		1	L-41
		3	224	54							1,352		1	L-43
300		5	85	70							1,100		1	L-44
5		3	104	41							725		1	L-51
		5	204	176							2,548		1	L-54
185		3	170	35							960		1	L-55
		5	233	174							3,314		1	L-56
		4	165	138							818		1	L-60
2	97	4	19	16							317		1	L-61
		3	126	27							338		1	L-62
30		6	186	170			375				3,530		1	L-63
		*3	50	6							204			L-64
		*3	50	12							305			L-64
		4	70	40							750		1	L-65
		8	91	43							700		1	L-66
		*4	93	30							1,200		1	*L-67
10	21	*5	55	38			500				736		1	*L-67
45		5	200	64	1,800			1		4,522			1	L-68
		3	184	46							1,168		1	L-70
125		5	200	70							1,050		1	L-72
		4	200	128							3,144		1	L-73
12	60	4	196	23							570		1	L-75
		*3	100		105						226		1	*L-76
		*3	10		40						65		1	*L-76
18		8	88	133			375				2,158		1	L-77
11		4	137		300						751		1	L-80
		3	100	20							499		1	L-81
		3	155		650						721		1	L-84
	59	6	194	131							1,759		1	L-88
50		3	100	100							1,000		1	L-91
25		3	50		100						200		1	L-92
		3	200	60							1,200		1	L-97
		4	60	26							614		1	L-98
		*3	50									139	1	*L-100
		*3	50									490	1	*L-100
		*4	35	18							300		1	*L-102
5		*3	10	1							30		1	*L-102
		*8	36	17							325		1	*L-107
		*7	70	176							2,582		1	*L-107
		*10	49	56			175				974		1	*L-107
		*3	60	12							348		1	*L-109
		*3	56	30							555		1	*L-109
5		6	180	54							1,635		1	L-110

## VERMILION COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-111	Sumner Bates Coal Co.....	Danville.....	50	-----	-----	-----	40
L-113	Kedas Stripping Co.....	Westville.....	185	-----	-----	-----	185
L-115	Markunas Coal Co.....	Westville.....	983	-----	-----	-----	983
L-117	Shuman Coal Co.....	Danville.....	303	-----	-----	-----	260
L-118	Dale Blue Coal Co.....	Westville.....	79	-----	-----	-----	62
L-119	Collins Coal Co.....	Fairmount.....	960	-----	-----	-----	887
L-120	South Side Mine.....	Tilton.....	239	-----	-----	-----	227
L-121	*Jim & Jim, No. 2.....	Catlin.....	250	-----	-----	-----	250
L-121	*Jones & Truax Coal Co.....	Catlin.....	250	-----	-----	-----	250
L-174	Western Brick Co.....	Danville.....	15,500	-----	-----	-----	-----
L-175	N. & H. Coal Co.....	Danville.....	242	-----	-----	-----	242
L-176	Roberts Coal Co., No. 2.....	Tilton.....	514	-----	-----	-----	364
L-177	Ramsey & Bracewell.....	Tilton.....	244	-----	-----	-----	208
L-178	Barrett & Jones Coal Co.....	Tilton.....	91	-----	-----	-----	91
L-179	Schaefer Bros., No. 7.....	Danville.....	660	-----	-----	-----	645
L-180	Deprett Coal Co.....	Tilton.....	300	-----	-----	-----	280
L-181	North Catlin Coal Co.....	Catlin.....	394	-----	-----	-----	369
L-182	Lime Springs Strip Mine.....	Danville.....	225	-----	-----	-----	225
L-183	Blue Bird Coal Co., No. 3.....	Danville.....	160	-----	-----	-----	160
L-184	Miles Coal Co.....	Catlin.....	165	-----	-----	-----	150
L-185	P. Cessna Coal Mine.....	Danville.....	134	-----	-----	-----	102
L-186	B. & W. Mine.....	Danville.....	250	-----	-----	-----	223
L-187	Lamb-Singleton Mine.....	Danville.....	65	-----	-----	-----	55
	88 local mines total.....	-----	325,202	-----	-----	-----	217,718
	93 all mines total.....	-----	1,584,437	730,208	424,545	2,865	297,075

## FIFTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
10		2	50									50		L-111
		2	25									185		L-113
		4	156		1,000						983		1	L-115
43		3	60	10							303		1	L-117
17		2	36		30							79		L-118
73		4	105	67			150				960		1	L-119
12		3	83	15			50				239			L-120
		*3	60	12							250			*L-121
		*4	40	15							250		1	*L-121
15,500		5	80			2,000						15,500		L-174
		4	75	19							242			L-175
	150	4	60	21							514			L-176
36		3	126	6							244			L-177
		3	35		75						91			L-178
15		6	44	35							660		1	L-179
	20	3	100		300						300			L-180
25		4	52	19			125				394		1	L-181
		3	20									225		L-182
		4	30	9							160			L-183
15		2	30		50							165		L-184
2	30	4	18	8							134			L-185
27		2	30									250		L-186
10		3	15		50						65			L-187
100,874	6,610	814	126	6,549	24,975	60	23,450	11	7	196,792	108,870	19,540	69	
108,697	21,047	2,785	127	7,682	140,150	13,610	196,825	72	68	1,296,407	114,497	173,533	86	

## FIFTH DISTRICT, SHIPPING MINES—

County	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Edgar .....	1	53,210	33,366	19,205	-----	639	-----	-----
Macon .....	1	122,328	7,499	-----	-----	111,487	2,668	674
Vermilion .....	5	1,259,235	730,208	424,545	2,865	79,357	7,813	14,437
Total .....	7	1,434,773	771,073	443,750	2,865	191,483	10,491	15,111

## LOCAL

Edgar .....	4	31,401	-----	-----	-----	28,067	2,948	386
Vermilion .....	88	325,202	-----	-----	-----	217,718	100,874	6,610
Total .....	92	356,603	-----	-----	-----	245,785	103,822	6,996

## ALL

Edgar .....	5	84,611	33,366	19,205	-----	28,706	2,948	386
Macon .....	1	122,328	7,499	-----	-----	111,487	2,668	674
Vermilion .....	93	1,584,437	730,208	424,545	2,865	297,075	108,697	21,047
Total .....	99	1,791,376	771,073	443,750	2,865	437,268	114,313	22,107



## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite — pounds.	Permis- sible— pounds.			Machine.	Hand.	Stripping.	
31	75	-----	2,950	7,700	-----	-----	-----	-----	-----	53,210	-----
281	155	-----	6,500	3,500	-----	7	5	122,328	-----	-----	18
1,971	133	1,133	115,175	13,550	173,375	61	61	1,099,615	5,627	153,993	17
2,283	128	1,133	124,625	24,750	173,375	68	66	1,221,943	5,627	207,203	35

## MINES.

62	114	383	4,475	-----	-----	3	-----	27,207	4,194	-----	5
814	126	6,549	24,975	60	23,450	11	7	196,792	108,870	19,540	69
876	126	6,932	29,450	60	23,450	14	7	223,999	113,064	19,540	74

## MINES.

93	106	383	7,425	7,700	-----	3	-----	27,207	4,194	53,210	5
281	155	-----	6,500	3,500	-----	7	5	122,328	-----	-----	18
2,785	127	7,682	140,150	13,610	196,825	72	68	1,296,407	114,497	173,533	86
3,159	126	8,065	154,075	24,810	196,825	82	73	1,445,942	118,691	226,743	109

## SIXTH DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Sixth Inspection District comprising the coal producing counties of Greene, Jersey, Macoupin, Montgomery and Shelby for the year ending December 31, 1938.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
JOE FIRTH, JR., *Inspector.*

## SIXTH DISTRICT.

	1938	1937	1936	1935	1934
Number of counties producing coal.....	5	5	5	5	5
Number of shipping mines.....	13	13	13	13	11
Number of local mines.....	42	50	55	66	60
Number of employees underground.....	3,622	3,839	4,016	4,220	4,021
Number of employees on surface.....	744	649	619	562	551
Total number employed.....	4,366	4,488	4,635	4,782	4,572
Tons of coal produced in shipping mines.....	3,927,286	4,443,863	4,850,299	4,226,037	3,921,804
Tons of coal produced in local mines.....	30,205	27,739	44,248	46,137	48,583
Tons of coal produced, total.....	3,957,491	4,471,602	4,894,547	4,272,174	3,970,387
Days operated, shipping mines, average.....	157	180	241	181	162
Days operated, local mines, average.....	115	115	112	102	123
Number of undercutting machines.....	70	79	80	70	67
Tons undercut.....	3,932,127	4,444,874	4,854,399	4,230,947	3,927,863
Tons mined by hand.....	25,127	26,728	40,148	40,857	41,934
Tons mined in strip mines.....	237	-----	-----	370	590
Number of loading machines used.....	225	540	526	512	467
Tons loaded mechanically.....	3,697,343	4,209,325	4,649,491	3,992,156	3,653,668
Number of fatal accidents.....	5	11	6	2	5
Number of non-fatal accidents.....	277	322	377	352	326
Number of employees to each fatality.....	873	408	773	2,391	914
Number employed to each non-fatal accident.....	15.8	13.9	12.3	13.6	14.0
Tons of coal mined to each fatality.....	791,498	406,509	817,758	2,136,087	794,077
Tons mined to each non-fatal accident.....	14,287	13,887	12,983	12,137	12,179
Number of fatalities per 1,000 employed.....	1.1	2.5	1.3	.5	1.1
Number injured per 1,000 employed.....	63.4	71.8	81.3	73.6	71.3

## IDLE MINES.

Cosgrove Meehan Coal Company No. 5, Panama, Montgomery County.

Indiana & Illinois Coal Corporation No. 12, Witt, Montgomery County.

Indiana & Illinois Coal Corporation No. 14, Witt, Montgomery County.

Standard Oil Company No. 1, Carlinville, Macoupin County.  
Standard Oil Company No. 2, Carlinville, Macoupin County.  
Erie Sootless Coal Company, Moweaqua, Shelby County.

## FATAL ACCIDENTS.

February 16, Robert Ruehrup, loading machine operator, aged 35 years, married, killed by fall of slate in mine No. 7 of the Consolidated Coal Co., leaving widow and one child.

August 24, Max A. Ritschel, tracklayer, aged 52 years, married, killed by fall of clod in mine No. 7 of the Consolidated Coal Co., leaving widow.

September 7, Joseph Cortesi, tracklayer, aged 56 years, married, killed by fall of slate in mine No. 1 of the Superior Coal Co., leaving widow and one child.

September 10, Richard Smith, driver, aged 54 years, married, crushed by cars in the North mine of the Lincoln Liquidating Co., leaving widow.

November 29, Leroy Emmons, triprider, aged 33 years, married, crushed between cars in mine No. 3 of the Superior Coal Co., leaving wife and two children.

## FATAL ACCIDENTS, SIXTH DISTRICT, 1938.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Sept. 7	Sept. 7	Joseph Cortesi	56	Tracklayer	Benld	Superior Coal Co.	1	1	1	1	1	2	Fall of slate.
Nov. 29	Nov. 29	Leroy Emmons	33	Tribrider	Carlinville	Superior Coal Co.	3	1	1	1	2	3	Crushed by cars.
Aug. 24	Aug. 24	Max A. Ritschel	52	Tracklayer	Meyers Crossing	Consolidated Coal Co.	7	1	1	1	1	1	Fall of clod.
Feb. 16	Feb. 16	Robert Ruenrup	35	Loading machine operator	Staunton	Consolidated Coal Co.	7	1	1	1	1	2	Fall of slate.
Sept. 10	Sept. 10	Richard Smith	54	Driver	Viriden	Lincoln Liquidating Co.		1	1	1	1	1	Crushed by car.

NON-FATAL ACCIDENTS, SIXTH DISTRICT.

Name of Operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost. Total.      Average.	Number injured.	Days lost. Total.      Average.	Month.	Number injured.
Consolidated Coal Co., No. 7.	24	6	672		9	137	15	535	59	26
Consolidated Coal Co., No. 15.	17	6	410		6	107	18	303	61	30
Gillespie Coal Co.	21	4	725		6	88	15	637	58	29
Hillsboro Mining Co.	4	2	90		1	16	16	74	74	25
Indiana & Illinois Coal Corp.	20	6	253		11	146	13	107	36	15
Lincoln Liquidating Co.	16	2	383		10	147	15	236	59	24
Mt. Olive Coal Co.	5	1	167		1	14	14	153	51	17
Nokomis Coal Co.	19	2	414		11	145	13	269	45	12
Superior Coal Co., No. 1.	23	6	673		8	152	19	521	58	16
Superior Coal Co., No. 2.	38	9	1,223		15	207	14	1,016	73	30
Superior Coal Co., No. 3.	34	5	1,175		14	188	13	987	66	30
Superior Coal Co., No. 4.	50	7	2,321		18	230	13	2,091	84	23
Shipping Mines.	271	56	8,506		110	1,577	14	6,929		277
Local Mines.	6	2	228		2	45	23	183		
Total.	277	58	8,734		112	1,622	14	7,112		

## GREENE COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-2	*J. M. Garbett	Greenfield	507				507
L-2	*Community Coal Mine	Greenfield	1,058				1,058
L-4	Charles Houck	Roodhouse	200				190
L-6	W. H. Allen	Roodhouse	1,658				1,658
L-7	James T. Adkins	Roodhouse	482				482
L-8	Harry Elliott	Roodhouse	250				247
L-9	Everett Schofield	Roodhouse	387				387
L-10	Hector Harbaugh	Roodhouse	113				113
L-12	*Burl Wyatt	White Hall	135				135
L-12	*John H. Whitehead	White Hall	65				60
L-15	Theo Hopper	Roodhouse	429				429
L-17	O. S. Walker	Roodhouse	239				233
L-24	Harry Elliott	Roodhouse	225				200
L-25	O. L. Ferguson	Roodhouse	283				264
L-26	Ralph Whitehead	White Hall	110				110
L-27	George M. Warrell	Roodhouse	650				615
L-29	Willis Smith	Roodhouse	197				192
L-31	Ben Armstrong	Roodhouse	775				775
L-33	Jesse Hopper	Roodhouse	106				106
L-38	Fred M. Simmons, No. 1	Roodhouse	424				400
L-41	*Cummins & Sons	Roodhouse	320				315
L-41	*Fred H. Steckel	Roodhouse	351				351
L-44	Tate Coal Co.	Roodhouse	222				221
20 local mines total			9,186				9,048

## JERSEY COUNTY

LOCAL MINES.							
L-1	Yost & Kruse	Brighton	603				579
L-2	Otto F. Rothe	Jerseyville	49				49
L-7	Fred Wagenblast	Jerseyville	44				42
L-8	Herbert Geisler, No. 1	Delhi	96				88
L-9	George W. Longfellow	Alton	237				237
5 local mines total			1,029				995

## MACOUPIN COUNTY

SHIPPING MINES.							
S-1	Consolidated Coal Co., No. 7	Staunton	387,982	70,073	211,250		55,395
S-2	Consolidated Coal Co., No. 15	Mt. Olive	258,536	87,251	131,980		3,198
S-3	Gillespie Coal Co.	Gillespie	237,991	59,262	144,772		32,485
S-4	Mt. Olive Coal Co.	Mt. Olive	108,380	19,950	30,395	17,352	32,882
S-5	South Mine Co.	Carlinville	18,203	1,921			15,417
S-6	Superior Coal Co., No. 1	Gillespie	408,707		384,472		10,623
S-7	Superior Coal Co., No. 2	Gillespie	563,848		544,344		2,078
S-8	Superior Coal Co., No. 3	Gillespie	645,576		628,998		360
S-9	Superior Coal Co., No. 4	Gillespie	559,740		542,053		827
S-10	Lincoln Liquidating Co.	Viriden	103,360	4,920	70,237		15,691
10 shipping mines total			3,292,323	243,377	2,688,501	17,352	168,956

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## SIXTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	*6	51	100	-----	-----	-----	-----	-----	-----	507	-----	1	* L-2
-----	-----	*10	60	70	-----	-----	-----	-----	-----	-----	1,058	-----	1	* L-2
10	-----	3	130	12	-----	-----	-----	-----	-----	-----	200	-----	-----	L-4
-----	-----	9	178	104	-----	-----	-----	-----	-----	-----	1,658	-----	-----	L-6
-----	-----	3	160	-----	-----	-----	-----	-----	-----	-----	482	-----	-----	L-7
3	-----	4	144	40	-----	-----	-----	-----	-----	-----	250	-----	-----	L-8
-----	-----	4	187	31	-----	-----	-----	-----	-----	-----	387	-----	-----	L-9
-----	-----	3	77	8	-----	-----	-----	-----	-----	-----	113	-----	-----	L-10
-----	-----	*2	70	-----	-----	-----	-----	-----	-----	-----	135	-----	-----	* L-12
5	-----	*4	25	-----	-----	-----	-----	-----	-----	-----	65	-----	-----	* L-12
-----	-----	3	239	38	-----	-----	-----	-----	-----	-----	429	-----	-----	L-15
6	-----	3	80	14	-----	-----	-----	-----	-----	-----	239	-----	-----	L-17
-----	25	5	56	20	-----	-----	-----	-----	-----	-----	225	-----	-----	L-24
19	-----	3	150	18	-----	-----	-----	-----	-----	-----	283	-----	-----	L-25
-----	-----	3	60	-----	-----	-----	-----	-----	-----	-----	110	-----	-----	L-26
-----	35	4	238	25	-----	-----	-----	-----	-----	-----	650	-----	-----	L-27
5	-----	3	72	14	-----	-----	-----	-----	-----	-----	197	-----	-----	L-29
-----	-----	6	180	115	-----	-----	-----	-----	-----	-----	775	-----	-----	L-31
-----	-----	3	74	10	-----	-----	-----	-----	-----	-----	106	-----	-----	L-33
24	-----	4	110	26	-----	-----	-----	-----	-----	-----	424	-----	-----	L-38
5	-----	*4	70	16	-----	-----	-----	-----	-----	-----	320	-----	-----	* L-41
-----	-----	*3	150	-----	-----	-----	-----	-----	-----	-----	351	-----	-----	* L-41
1	-----	6	23	7	-----	-----	-----	-----	-----	-----	222	-----	-----	L-44
78	60	84	129	668	-----	-----	-----	-----	-----	-----	9,186	-----	1	-----

## SIXTH DISTRICT.

4	20	4	89	-----	-----	-----	-----	-----	-----	603	-----	1	L-1
-----	-----	3	31	-----	-----	-----	-----	-----	-----	49	-----	-----	L-2
2	-----	3	60	-----	-----	-----	-----	-----	-----	44	-----	-----	L-7
4	4	4	53	-----	-----	-----	-----	-----	-----	96	-----	-----	L-8
-----	-----	5	14	-----	-----	-----	-----	-----	-----	-----	237	-----	L-9
10	24	19	49	-----	-----	-----	-----	-----	-----	792	237	1	-----

## SIXTH DISTRICT.

5,027	46,237	253	165	-----	-----	79,500	8	16	387,982	-----	-----	-----	S-1
25,920	10,187	480	82	-----	-----	25,950	13	29	258,536	-----	-----	-----	S-2
544	928	224	197	-----	-----	30,200	5	2	237,991	-----	-----	16	S-3
7,215	586	149	135	785	-----	-----	4	3	108,380	-----	-----	5	S-4
100	765	42	91	179	-----	-----	1	-----	18,203	-----	-----	4	S-5
13,612	-----	390	194	160,750	-----	-----	4	19	408,707	-----	-----	-----	S-6
17,426	-----	466	239	176,950	-----	-----	4	23	563,848	-----	-----	-----	S-7
16,218	-----	458	231	202,400	-----	-----	4	21	645,576	-----	-----	-----	S-8
16,860	-----	765	189	-----	-----	93,800	6	26	559,740	-----	-----	-----	S-9
12,218	294	128	204	1,261	1,150	-----	4	2	103,360	-----	-----	6	S-10
115,140	58,997	3,355	173	2,225	540,100	1,150	229,450	53	141	3,292,323	-----	31	-----

## MACOUPIN COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	*Gatschenburger & Voges.....	Bunker Hill.....	2, 511				2, 160
L-1	*Bauser Coal Mine.....	Bunker Hill.....	2, 330				2, 100
L-2	Roscoe Moore.....	Brighton.....	2, 741				2, 691
L-3	Hoosier Coal Co.....	Chesterfield.....	716				664
L-5	*Dams Coal Co.....	Chesterfield.....	70				64
L-5	*Chesterfield Coal Co.....	Chesterfield.....	322				257
	4 local mines total.....	.....	8, 690				7, 936
	14 all mines total.....	.....	3, 301, 013	243, 377	2, 688, 501	17, 352	176, 892

## MONTGOMERY COUNTY

SHIPPING MINES.							
S-1	Hillsboro Mining Co.....	Hillsboro.....	41, 691	17, 104	4, 561	-----	12, 280
S-2	Indiana & Illinois Coal Corp., No. 10.....	Nokomis.....	212, 864	127, 290	68, 381	-----	15, 087
S-3	Nokomis Coal Co.....	Nokomis.....	380, 408	235, 960	95, 423	-----	3, 134
	3 shipping mines total.....	-----	634, 963	380, 354	168, 365	-----	30, 501

## SHELBY COUNTY

LOCAL MINES.							
L-6	Ralph Gallagher, No. 1.....	Mode.....	2, 494	-----	-----	-----	2, 446
L-8	Arch Tallman, No. 3.....	Shelbyville.....	1, 518	-----	-----	-----	1, 486
L-10	B. F. Stretch, No. 1.....	Shelbyville.....	385	-----	-----	-----	375
L-12	Homer Donelson.....	Shelbyville.....	312	-----	-----	-----	308
L-15	*Ray Kingston, No. 2.....	Shelbyville.....	92	-----	-----	-----	80
L-15	*Ed Bowen—Okaw, No. 2.....	Shelbyville.....	68	-----	-----	-----	52
L-16	James Cruitt.....	Shelbyville.....	675	-----	-----	-----	665
L-17	Edward Ditzler.....	Shelbyville.....	140	-----	-----	-----	100
L-22	J. G. Root.....	Shelbyville.....	3, 038	-----	-----	-----	3, 038
L-30	*Cox & Weakley, No. 2.....	Shelbyville.....	334	-----	-----	-----	304
L-30	*B. F. Stretch, No. 2.....	Shelbyville.....	435	-----	-----	-----	425
L-32	Smith & Smith, No. 1.....	Mode.....	796	-----	-----	-----	781
L-33	Little Bros.....	Mode.....	206	-----	-----	-----	195
L-34	Miller & Brown.....	Mode.....	678	-----	-----	-----	678
L-35	Homer Nees.....	Shelbyville.....	129	-----	-----	-----	118
	13 local mines total.....	-----	11, 300	-----	-----	-----	11, 051

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## SIXTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
351	-----	*12	117	30	-----	-----	-----	*1	-----	2,511	-----	-----	2	*L-1
230	-----	*18	62	27	-----	-----	-----	*2	-----	2,330	-----	-----	3	*L-1
20	30	6	98	173	-----	-----	-----	-----	-----	-----	2,741	-----	1	L-2
52	-----	7	90	40	-----	-----	-----	-----	-----	-----	716	-----	-----	L-3
-----	6	*2	30	4	-----	-----	-----	-----	-----	-----	70	-----	-----	*L-5
15	50	*6	40	15	-----	-----	-----	-----	-----	-----	322	-----	1	*L-5
668	86	32	109	289	-----	-----	-----	2	-----	4,841	3,849	-----	5	-----
115,808	59,083	3,387	155	2,514	540,100	1,150	229,450	55	141	3,297,164	3,849	-----	36	-----

## SIXTH DISTRICT.

4,712	3,034	167	78	-----	6,300	-----	-----	2	1	41,691	-----	-----	8	S-1
455	1,651	398	79	-----	59,300	-----	600	6	20	212,864	-----	-----	-----	S-2
21,400	24,491	213	160	-----	100,950	-----	6,350	7	17	380,408	-----	-----	-----	S-3
26,567	29,176	778	106	-----	166,550	-----	6,950	15	38	634,963	-----	-----	8	-----

## SIXTH DISTRICT.

48	-----	12	208	-----	-----	-----	-----	-----	-----	2,494	-----	-----	-----	L-6
32	-----	11	174	-----	-----	-----	-----	-----	-----	1,518	-----	-----	-----	L-8
10	-----	12	100	-----	-----	-----	-----	-----	-----	385	-----	-----	-----	L-10
4	-----	8	50	-----	-----	-----	-----	-----	-----	312	-----	-----	-----	L-12
12	-----	*4	45	-----	-----	25	-----	-----	-----	92	-----	-----	-----	*L-15
16	-----	*3	34	-----	-----	-----	-----	-----	-----	68	-----	-----	-----	*L-15
10	-----	4	146	-----	-----	-----	-----	-----	-----	675	-----	-----	-----	L-16
40	-----	2	71	-----	-----	-----	-----	-----	-----	140	-----	-----	-----	L-17
-----	-----	11	200	-----	-----	-----	-----	-----	-----	3,038	-----	-----	-----	L-22
10	20	*10	35	-----	-----	-----	-----	-----	-----	334	-----	-----	-----	*L-30
10	-----	*12	100	-----	-----	-----	-----	-----	-----	435	-----	-----	-----	*L-30
15	-----	7	216	-----	-----	-----	-----	-----	-----	796	-----	-----	-----	L-32
-----	11	5	40	-----	-----	-----	-----	-----	-----	206	-----	-----	-----	L-33
-----	-----	8	70	-----	-----	-----	-----	-----	-----	678	-----	-----	-----	L-34
11	-----	3	62	-----	-----	-----	-----	-----	-----	129	-----	-----	-----	L-35
218	31	98	119	-----	-----	25	-----	-----	-----	11,300	-----	-----	-----	-----

## SIXTH DISTRICT, SHIPPING MINES—

County	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Macoupin.....	10	3, 292, 323	243, 377	2, 688, 501	17, 352	168, 956	115, 140	58, 997
Montgomery.....	3	634, 963	380, 354	168, 365	-----	30, 501	26, 567	29, 176
Total.....	13	3, 927, 286	623, 731	2, 856, 866	17, 352	199, 457	141, 707	88, 173

## LOCAL MINES

Greene.....	20	9, 186	-----	-----	-----	9, 048	78	60
Jersey.....	5	1, 029	-----	-----	-----	995	10	24
Macoupin.....	4	8, 690	-----	-----	-----	7, 936	668	86
Shelby.....	13	11, 300	-----	-----	-----	11, 051	218	31
Total.....	42	30, 205	-----	-----	-----	29, 030	974	201

## ALL MINES

Greene.....	20	9, 186	-----	-----	-----	9, 048	78	60
Jersey.....	5	1, 029	-----	-----	-----	995	10	24
Macoupin.....	14	3, 301, 013	243, 377	2, 688, 501	17, 352	176, 892	115, 808	59, 083
Montgomery.....	3	634, 963	380, 354	168, 365	-----	30, 501	26, 567	29, 176
Shelby.....	13	11, 300	-----	-----	-----	11, 051	218	31
Total.....	55	3, 957, 491	623, 731	2, 856, 866	17, 352	228, 487	142, 681	88, 374

## RECAPITULATION BY COUNTIES.

Total em- ployes.	Days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.			Machine.	Hand.	Stripping.	
3,355 778	173 106	2,225 -----	540,100 166,550	1,150 -----	229,450 6,950	53 15	141 38	3,292,323 634,963	----- -----	----- -----	31 8
4,133	157	2,225	706,650	1,150	236,400	68	179	3,927,286	-----	-----	39

## LOCAL MINES

84 19 32 98	129 49 109 119	668 ----- 289 -----	----- ----- ----- -----	----- ----- ----- 25	----- ----- ----- -----	----- ----- 2 -----	----- ----- ----- -----	----- ----- 4,841 -----	9,186 792 3,849 11,300	----- ----- 237 -----	1 1 5 -----
233	115	957	-----	25	-----	2	-----	4,841	25,127	237	7

## ALL MINES

84 19 3,387 778 98	129 49 155 106 119	668 ----- 2,514 -----	----- ----- 540,100 166,550	----- ----- 1,150 -----	----- ----- 229,450 6,950	----- ----- 55 15	----- ----- 141 38	----- ----- 3,297,164 634,963	9,186 792 3,849 11,300	----- ----- 237 -----	1 1 36 8 -----
4,366	106	3,182	706,650	1,175	236,400	70	179	3,932,127	25,127	237	46

## SEVENTH DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Seventh Inspection District comprising the coal producing counties of Bond, Crawford, Jasper, Madison, Marion and Richland for the year ending December 31, 1938.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

BENN PITTS, *Inspector.*

## SEVENTH DISTRICT.

	1938	1937	1936	1935	1934
Number of counties producing coal.....	5	5	5	5	6
Number of shipping mines.....	9	9	9	10	10
Number of local mines.....	20	25	34	37	36
Number of employees underground.....	2,000	2,141	2,288	2,378	2,355
Number of employees on surface.....	413	398	418	442	421
Total number employed.....	2,413	2,539	2,706	2,820	2,776
Tons of coal produced in shipping mines.....	1,294,683	1,664,691	1,983,234	1,801,301	1,663,887
Tons of coal produced in local mines.....	338,001	365,231	369,604	328,147	280,045
Tons of coal produced, total.....	1,632,684	2,029,922	2,352,838	2,129,448	1,943,932
Days operated, shipping mines, average.....	113	134	161	132	126
Days operated, local mines, average.....	153	138	121	118	130
Number of undercutting machines.....	88	87	85	85	73
Tons undercut.....	1,617,361	1,995,659	2,271,074	2,025,932	1,803,171
Tons mined by hand.....	15,323	34,263	81,764	93,251	112,217
Tons mined in strip mines.....	---	---	---	10,265	28,544
Number of loading machines used.....	69	81	79	68	60
Tons loaded mechanically.....	1,050,944	1,293,486	1,384,060	1,155,354	1,142,519
Number of fatal accidents.....	7	5	3	7	7
Number of non-fatal accidents.....	173	186	234	174	195
Number of employees to each fatality.....	345	508	902	403	397
Number employed to each non-fatal accident.....	13.9	13.6	11.6	16.2	14.2
Tons of coal mined to each fatality.....	233,241	405,984	784,279	304,207	277,705
Tons mined to each non-fatal accident.....	9,437	10,914	10,055	12,238	9,969
Number of fatalities per 1,000 employed.....	2.9	1.9	1.1	2.5	2.5
Number injured per 1,000 employed.....	71.7	73.3	86.3	61.7	70.2

## CHANGE OF NAME.

Bullock Mining Company to Burnwell Coal Company, Madison County.

## IDLE MINES.

Henrietta Coal Company, H. T., Edwardsville, Madison County.  
Lumaghi Coal Company No. 3, Collinsville, Madison County.  
Madison Coal Corporation No. 2, Glen Carbon, Madison County.

## FATAL ACCIDENTS.

**May 17,** Vanarkes Herron, picker boss, aged 56 years, married, from injuries received in fall from tippie platform on May 11 at mine No. 2 of the Lumaghi Coal Co., leaving widow.

**June 17,** Lawrence Noverro, machine operator, aged 50 years, married, from injuries received on April 2 from fall of rock in Thermal mine of the Madison County Coal & Mining Co., leaving widow.

**August 3,** Fred Kunz, loading machine operator, aged 53 years, married, killed by fall of slate in mine No. 2 of the Mt. Olive & Staunton Coal Co., leaving widow and three children.

**August 26,** Sam Sammacott, miner, aged 62 years, married, died from injuries received August 19, from fall of rock and top coal in mine No. 2 of the Lumaghi Coal Co., leaving widow and one child.

**September 20,** George V. Musso, conveyor loader, aged 61 years, married, killed by fall from cage in mine No. 2 of the Lumaghi Coal Co., leaving widow.

**December 14,** Louis P. Tretter, top man (sulphur picker) aged 55 years, married, crushed between railroad cars while crossing tracks at mine No. 2 of the Mt. Olive & Staunton Coal Co., leaving widow.

**December 16,** Paul Shirer, cutting machine operator, aged 53 years, married, killed by fall of coal in mine No. 2 of the Mt. Olive & Staunton Coal Co., leaving widow and one child.

FATAL ACCIDENTS, SEVENTH DISTRICT, 1938.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
May 11	May 17	Vanarkes Herron	56	Picker boss	Collinsville	Lumaghi Coal Co.	2	1	1	1	1	1	Fell from tippie platform.
Aug. 3	Aug. 3	Fred Kunz	53	Loading machine operator	Staunton	Mt. Olive & Staunton Coal Co.	2	1	1	1	3	4	Fall of slate.
Sept. 20	Sept. 20	George V. Musso	61	Conveyor loader	Collinsville	Lumaghi Coal Co.	2	1	1	1	1	1	Fell from cage.
Apr. 2	June 17	Lawrence Noverro	50	Machine operator	Marysville	Madison County Coal & Mining Co.	Thermal	1	1	1	1	1	Fall of rock.
Aug. 19	Aug. 19	Sam Samnacotti	62	Miner	Collinsville	Lumaghi Coal Co.	2	1	1	1	1	1	Fall of rock.
Dec. 16	Dec. 16	Paul Shrer	53	Machine operator	Staunton	Mt. Olive & Staunton Coal Co.	2	1	1	1	1	2	Fall of rock.
Dec. 14	Dec. 14	Louis P. Tretter	55	Top man	Williamson	Mt. Olive & Staunton Coal Co.	2	1	1	1	1	1	Crushed by R. R. cars.

NON-FATAL ACCIDENTS, SEVENTH DISTRICT.

Name of Operator	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.		Month.	Number injured.
						Total.	Average.		Total.	Average.		
Burnwell Coal Co.....	2	---	38	19	2	38	19	---	2	---	January.....	28
Chicopee Coal Co.....	4	---	81	27	15	15	15	---	---	---	February.....	11
Illinois-Pocahontas Coal Co.....	40	5	1,299	37	17	274	16	---	18	---	March.....	9
Livingston-Mt. Olive Coal Co.....	7	2	93	19	4	52	13	---	1	---	April.....	5
Lurnaghi Coal Co., No. 2.....	24	---	910	38	10	151	15	---	14	---	May.....	10
Madison County C. & M. Co.....	19	3	482	30	9	152	17	---	13	---	June.....	9
Mt. Olive & Staunton C. Co.....	27	4	870	38	10	167	17	---	13	---	July.....	13
Marion County Coal Co.....	14	1	322	23	10	117	12	---	3	---	August.....	12
Shipping Mines.....	137	16	4,095	34	63	966	15	---	58	---	September.....	19
Local Mines.....	36	7	798	28	18	312	17	---	11	---	October.....	16
Total.....	173	23	4,893	33	81	1,278	15	---	69	---	November.....	21
											December.....	20
											---	173

## BOND COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-1	Illinois-Pocahontas Coal Co.	Pocahontas	71,725	26,898	5,732	-----	34,448

## CRAWFORD COUNTY

LOCAL MINES.							
L-1	Ray Blair.....	Palestine.....	1,773	-----	-----	-----	1,635

## JASPER COUNTY

LOCAL MINES.							
L-2	Andrew Brown.....	Newton.....	1,254	-----	-----	-----	1,250

## MADISON COUNTY

SHIPPING MINES.							
S-1	*Bullock Mining Co.....	Collinsville.....	13,308	1,445	-----	-----	11,743
S-1	*Burn Well Coal Co.....	Collinsville.....	20,443	1,181	-----	-----	17,527
S-2	Chicopee Coal Co.....	Troy.....	61,910	300	-----	-----	57,700
S-3	Livingston-Mt. Olive Coal Co.	Livingston.....	25,095	6,214	520	-----	12,094
S-4	Lumaghi Coal Co., No. 2.....	Collinsville.....	328,484	108,921	-----	-----	171,393
S-5	Madison County Coal & Mining Co.....	Edwardsville.....	197,406	191,106	-----	-----	-----
S-6	Mt. Olive & Staunton Coal Co., No. 2.....	Staunton.....	390,089	252,641	104,879	-----	14,907
	6 shipping mines total.....	-----	1,036,735	561,808	105,399	-----	285,364

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## SEVENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
4,647	-----	116	114	97	24,600	450	-----	6	2	71,725	-----	-----	9	S-1

## SEVENTH DISTRICT

-----	138	5	186	-----	3,750	-----	-----	-----	-----	-----	1,773	-----	-----	L-1
-------	-----	---	-----	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-----

## SEVENTH DISTRICT

4	-----	7	183	-----	2,750	-----	-----	-----	-----	-----	1,254	-----	-----	L-2
---	-------	---	-----	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-----

## SEVENTH DISTRICT

120	-----	*60	41	-----	1,950	-----	-----	*2	-----	13,308	-----	-----	7	*S-1
155	1,580	*57	70	-----	3,000	-----	-----	*2	-----	20,443	-----	-----	7	*S-1
3,000	910	116	102	-----	1,200	-----	-----	4	2	61,910	-----	-----	-----	S-2
3,442	2,825	225	43	169	-----	20	-----	8	4	25,095	-----	-----	-----	S-3
8,862	39,308	399	136	368	67,950	-----	-----	11	20	328,484	-----	-----	4	S-4
3,000	3,300	170	220	-----	92,000	700	-----	4	9	197,406	-----	-----	-----	S-5
17,662	-----	493	133	-----	84,450	-----	4,950	12	11	390,089	-----	-----	23	S-6
36,241	47,923	1,462	124	544	250550	720	4,950	41	46	1,036,735	-----	-----	34	

## MADISON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Collinsville Coal Corp.....	Collinsville.....	75, 512				69, 671
L-2	Sugar Loaf Coal Corp.....	Collinsville.....	55, 234				49, 652
L-3	Glen Carbon Coal Co.....	Collinsville.....	60, 014				54, 864
L-4	Bunker Hill Coal & Mining Co.....	Collinsville.....	39, 383				34, 852
L-7	Sunset Hill Coal Co., Inc.....	Edwardsville.....	40, 883				35, 982
L-8	East Side Coal Co., No. 1.....	Edwardsville.....	8, 791				8, 400
L-9	Klondike Coal Co.....	Worden.....	6, 431				5, 851
L-10	Truck Trade Coal Co.....	Edwardsville.....	34, 300				27, 800
L-11	William H. Wilkenning.....	Moro.....	2, 522				2, 475
L-14	Hillside Coal Co.....	Bethalto.....	2, 295				2, 295
L-16	Gerdtt Coal Co.....	Godfrey.....	321				321
L-19	*Seven Hills Coal Co.....	Alton.....	356				356
L-19	*Seven Hills Coal Co.....	Alton.....	720				650
L-21	*Golden Glow Mine.....	Moro.....	55				55
L-21	*Coalfax Coal Co.....	Moro.....	91				90
L-22	S. M. Dale, Panama No. 1.....	Bethalto.....	1, 283				1, 266
L-24	Sunrise Coal Mine.....	Bethalto.....	2, 080				2, 080
L-25	Wilson Coal Co.....	Godfrey.....	20				20
L-29	E. H. Rink.....	Bethalto.....	126				118
L-36	Prairietown Coal Co., Inc.....	Prairietown.....	4, 557				4, 272
18 local mines total.....			334, 974				301, 070
24 all mines total.....			1, 371, 709	561, 808	105, 399		586, 434

## MARION COUNTY

SHIPPING MINES.							
S-1	Marion County Coal Co.....	Centralia.....	183, 079	88, 011	28, 178	-----	44, 955
S-2	Odin Coal Co.....	Odin.....	3, 144	748	-----	-----	1, 646
	2 shipping mines total.....	-----	186, 223	88, 759	28, 178	-----	46, 601

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## SEVENTH DISTRICT

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
3,600	2,241	77	229	---	12,450	---	---	4	---	75,512	---	---	7	L-1
1,297	4,285	71	204	370	---	---	---	4	1	55,234	---	---	4	L-2
3,650	1,500	55	278	467	---	---	---	2	---	60,014	---	---	5	L-3
781	3,750	52	199	251	---	---	---	2	1	39,383	---	---	3	L-4
1,400	3,501	35	239	259	---	---	---	2	1	40,883	---	---	3	L-7
391	---	27	81	76	---	---	---	1	---	8,791	---	---	4	L-8
430	150	14	142	95	---	---	---	1	---	6,431	---	---	---	L-9
3,500	3,000	43	150	300	---	---	---	2	2	34,300	---	---	---	L-10
47	---	6	135	38	---	---	---	---	---	---	2,522	---	---	L-11
---	---	10	146	38	---	---	---	---	---	---	2,295	---	---	L-14
---	---	4	160	18	---	---	---	---	---	---	321	---	---	L-16
---	---	*6	46	38	---	---	---	---	---	---	356	---	*	L-19
30	40	*4	67	52	---	---	---	---	---	---	720	---	*	L-19
---	---	*6	20	4	---	---	---	---	---	---	55	---	*	L-21
1	---	*5	18	5	---	---	---	1	---	50	41	---	*	L-21
12	5	7	173	171	---	---	---	---	---	---	1,283	---	---	L-22
---	---	10	141	55	75	---	---	1	---	2,080	---	---	---	L-24
---	---	3	10	1	---	---	---	---	---	---	20	---	---	L-25
5	3	3	56	3	---	---	---	---	---	---	126	---	---	L-29
285	---	10	190	66	---	---	---	---	---	---	4,557	---	---	L-36
15,429	18,475	438	149	2,307	12,525	---	---	20	5	322,678	12,296	---	28	
51,670	66,398	1,900	143	2,851	263,075	720	4,950	61	51	1,359,413	12,296	---	62	

## SEVENTH DISTRICT

8,280	13,655	230	154	---	---	---	36,100	13	4	183,079	---	---	19	S-1
750	---	155	6	18	---	---	---	8	2	3,144	---	---	12	S-2
9,030	13,655	385	80	18	---	---	36,100	21	6	186,223	---	---	31	

## SEVENTH DISTRICT.

County	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Bond.....	1	71,725	26,898	5,732	-----	34,448	4,647	-----
Madison.....	6	1,036,735	561,808	105,399	-----	285,364	36,241	47,923
Marion.....	2	186,223	88,759	28,178	-----	46,601	9,030	13,655
Total.....	9	1,294,683	677,465	139,309	-----	366,413	49,918	61,578

## LOCAL

Crawford.....	1	1,773	-----	-----	-----	1,635	-----	138
Jasper.....	1	1,254	-----	-----	-----	1,250	4	-----
Madison.....	18	334,974	-----	-----	-----	301,070	15,429	18,475
Total.....	20	338,001	-----	-----	-----	303,955	15,433	18,613

## ALL

Bond.....	1	71,725	26,898	5,732	-----	34,448	4,647	-----
Crawford.....	1	1,773	-----	-----	-----	1,635	-----	138
Jasper.....	1	1,254	-----	-----	-----	1,250	4	-----
Madison.....	24	1,371,709	561,808	105,399	-----	586,434	51,670	66,398
Marion.....	2	186,223	88,759	28,178	-----	46,601	9,030	13,655
Total.....	29	1,632,684	677,465	139,309	-----	670,368	65,351	80,191

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
116	114	97	24,600	450	-----	6	2	71,725	-----	-----	9
1,462	124	544	250,550	720	4,950	41	46	1,036,735	-----	-----	34
385	80	18	-----	-----	36,100	21	6	186,223	-----	-----	31
1,963	113	659	275,150	1,170	41,050	68	54	1,294,683	-----	-----	74

## MINES.

5	186	-----	3,750	-----	-----	-----	-----	-----	1,773	-----	-----
7	183	-----	2,750	-----	-----	-----	-----	-----	1,254	-----	-----
438	149	2,307	12,525	-----	-----	20	5	322,678	12,296	-----	28
450	153	2,307	19,025	-----	-----	20	5	322,678	15,323	-----	28

## MINES.

116	114	97	24,600	450	-----	6	2	71,725	-----	-----	9
5	186	-----	3,750	-----	-----	-----	-----	-----	1,773	-----	-----
7	183	-----	2,750	-----	-----	-----	-----	-----	1,254	-----	-----
1,900	143	2,851	263,075	720	4,950	61	51	1,359,413	12,296	-----	62
385	80	18	-----	-----	36,100	21	6	186,223	-----	-----	31
2,413	140	2,966	294,175	1,170	41,050	88	59	1,617,361	15,323	-----	102

## EIGHTH DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Eighth Inspection District comprising the coal producing counties of Clinton, Monroe and St. Clair for the year ending December 31, 1938.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
DAVID T. STUART, *Inspector.*

## EIGHTH DISTRICT

	1938	1937	1936	1935	1934
Number of counties producing coal.....	3	3	3	3	3
Number of shipping mines.....	19	23	24	25	25
Number of local mines.....	43	42	44	46	47
Number of employees underground.....	2,714	3,094	3,381	3,148	3,188
Number of employees on surface.....	586	627	624	549	540
Total number employed.....	3,300	3,721	4,005	3,697	3,728
Tons of coal produced in shipping mines.....	1,734,035	2,274,181	2,583,506	2,262,668	2,328,014
Tons of coal produced in local mines.....	669,141	688,158	662,456	477,639	464,899
Tons of coal produced, total.....	2,403,174	2,962,339	3,245,962	2,740,307	2,792,913
Days operated, shipping mines, average.....	125	143	153	138	147
Days operated, local mines, average.....	139	142	144	130	146
Number of undercutting machines.....	56	57	70	67	66
Tons undercut.....	1,161,534	1,347,201	1,402,407	1,197,285	1,392,014
Tons mined by hand.....	765,282	1,161,155	1,421,215	1,417,212	1,357,769
Tons mined in strip mines.....	476,358	453,983	422,340	125,810	63,130
Number of loading machines used.....	42	51	52	53	49
Tons loaded mechanically.....	1,044,589	1,191,350	1,118,868	769,879	740,470
Number of fatal accidents.....	9	8	5	5	4
Number of non-fatal accidents.....	119	139	164	158	166
Number of employees to each fatality.....	367	465	801	739	932
Number employed to each non-fatal accident.....	27.7	26.8	24.4	23.4	22.5
Tons of coal mined to each fatality.....	267,019	370,292	649,192	548,061	698,228
Tons mined to each non-fatal accident.....	20,195	21,312	19,793	17,344	16,825
Number of fatalities per 1,000 employed.....	2.7	2.2	1.3	1.3	1.1
Number injured per 1,000 employed.....	36.1	37.4	41.0	42.7	44.5

## CHANGE OF NAME.

Service Coal Company to Service Coal & Mining Company, St. Clair County.

## CHANGED TO LOCAL MINE.

Freeburg Coal Company, St. Clair County.

## SUSPENDED OPERATION.

Gill Coal Company, St. Clair County.

Perry Coal Company, "Carbon", St. Clair County.

## IDLE MINES.

Alcoa Ore Company, Belleville, St. Clair County.

Perry Coal Company, "Taylor", O'Fallon, St. Clair County.

Southern Coal, Coke & Mining Company, "Avery", Belleville, St. Clair County.

Rentschler Coal & Mining Company, Belleville, St. Clair County.

## FATAL ACCIDENTS.

January 4, Alex Marshall, Jr., miner, aged 54 years, married, from burns received in gas explosion in the mine of the Beckemeyer Coal Co. on December 11, 1937, leaving widow and two children.

January 17, Anton Wolf, apprentice miner, aged 41 years, married, from injuries received on January 12 when he was crushed between skip and concrete wall of slope in the mine of the Sugar Creek Coal Co., leaving widow.

January 25, Frank Peppenhorst, apprentice miner, aged 57 years, married, killed by gas explosion in mine of the Beckemeyer Coal Co., leaving widow.

January 25, Joseph Braehler, miner, aged 62 years, married, killed by gas explosion in mine of the Beckemeyer Coal Co., leaving widow.

February 9, Ed. Peppenhorst, miner, aged 50 years, married, from burns received in gas explosion on January 24 in mine of Beckemeyer Coal Co., leaving widow.

March 25, Julius Meier, timberman, aged 62 years, married, killed by fall of top coal in mine No. 2 of the St. Louis & O'Fallon Coal Co., leaving widow.

July 29, Daniel Neuwirth, miner, aged 62 years, married, from injuries received in fall of slate on July 14 in mine of Neuwirth Coal Co., leaving widow.

September 23, Floyd Drysdale, loading machine helper, aged 30 years, married, killed by fall of rock in the St. Ellen mine of the Perry Coal Co., leaving widow.

October 19, Arthur John Hopp, motorman, aged 34 years, married, killed when motor ran into loading boom of loading machine crushing him between motor cover and car in St. Ellen mine of the Perry Coal Co., leaving widow and one child.

## FATAL ACCIDENTS, EIGHTH DISTRICT, 1938.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 24 Jan.	25	Joseph Braehler.	62	Miner.	Beckemeyer.	Beckemeyer Coal Co.		1	1	1	1	1	1 Gas explosion.
Sept. 23	23	Floyd Drysdale.	30	Loading machine helper.	Belleville.	Perry Coal Co.	St. Ellen.	1	1	1	1	1	1 Fall of rock.
Oct. 19	19	Arthur John Hopp.	34	Motorman.	O'Fallon.	Perry Coal Co.	St. Ellen.	1	1	1	1	2	Crushed between top of motor and car.
Dec. 11 1937	Jan. 4	Alex Marshall, Jr.	54	Miner.	Beckemeyer.	Beckemeyer Coal Co.		1	1	2	3	3	Gas explosion.
Mar. 26	Mar. 25	Julius Meyer.	62	Timberman.	Collinsville.	St. Louis & O'Fallon Coal Co.	2	1	1	1	1	1	1 Fall of top coal.
July 14	July 29	Daniel Neuwrth.	62	Miner.	Freeburg.	Neuwrth Coal Co.		1	1	1	1	1	1 Fall of slate.
Jan. 24 Feb.	9	Ed Peppenhorst.	50	Miner.	Beckemeyer.	Beckemeyer Coal Co.		1	1	1	1	1	1 Gas explosion.
Jan. 24 Jan.	25	Frank Peppenhorst.	57	Apprentice miner.	Breese.	Beckemeyer Coal Co.		1	1	1	1	1	1 Gas explosion.
Jan. 12 Jan.	17	Anton Wolf.	41	Apprentice miner.	Belleville.	Sugar Creek Coal Co.		1	1	1	1	1	Crushed between skip and slope wall.



## NON-FATAL ACCIDENTS, EIGHTH DISTRICT.

Name of Operator	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month in which accident occurred.	Number injured.
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.			
						Total.	Average.		Total.	Average.		
Beckemeyer Coal Co.	6	1	164	33	3	51	17	2	113	57	January	20
Citizens Coal Co.	1		18	18	1	18	18				February	10
Golden Rule Coal Co.	2		61	31	1	11	11	1	50	50	March	8
Groom Coal Co.	1		14	14	1	14	14				April	5
Gundlach Coal Co.	6		218	36	4	64	16	2	154	77	May	5
Lenzburg Coal Co.	6		98	16	5	55	11	1	43	43	June	4
Marissa Coal Co.	1		17	17	1	17	17				July	5
Mascoutah Coal & Mining Co.	1		9	9	1	9	9				August	7
Mulberry Hill Coal Co.	2		280	140	1	14	14	1	266	266	September	8
Perry Coal Co., St. Ellen	20	4	324	20	12	184	15	4	140	35	October	6
Prairie Coal Co.	7		178	25	3	47	16	4	131	33	November	15
St. Louis & O'Fallon Coal Co., No. 2	10	1	364	40	2	58	29	7	306	44	December	16
Service Coal Co.	1		33	33				1	33	33		15
Southern Coal, Coke & Mining Co., No. 6.	1		50	50				1	50	50		119
Southern Coal, Coke & Mining Co., No. 7.	3		69	23	1	7	7	2	62	31		
Southern Coal, Coke & Mining Co., No. 9.	2	1	81	81				1	81	81		
United Electric Coal Cos., No. 13.	4		123	31	2	24	12	2	99	50		
Vinegar Hill Coal Co.	5	3	36	18	2	36	18					
White Coal Co.	4		99	25	3	43	14	1	56	56		
Shipping Mines	83	10	2,236	31	43	652	15	30	1,584	53		
Local Mines	36	7	1,124	39	19	317	17	10	807	81		
Total	119	17	3,360	33	62	969	16	40	2,391	60		

## CLINTON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	SHIPPING MINES.						
S-1	Beckemeyer Coal Co. ....	Beckemeyer....	59,825	8,869	-----	-----	42,997
S-2	Citizens Coal Co. ....	Breese.....	51,124	8,456	-----	-----	40,514
S-4	Southern Coal, Coke & Mining Co No. 9.....	New Baden....	17,273	6,369	-----	-----	8,127
	3 shipping mines total .....	-----	128,222	23,694	-----	-----	91,638

## MONROE COUNTY

LOCAL MINES.							
L-1	Puckett Coal & Mining Co., No. 1.....	Columbia.....	206	-----	-----	-----	171

## ST. CLAIR COUNTY

SHIPPING MINES.							
S-3	Golden Rule Coal Co.....	Lenzburg.....	50,444	31,324	15,436	-----	1,571
S-4	Groom Coal Co.....	Belleville.....	44,214	10,197	-----	9,710	22,507
S-5	Gundlach Coal Co.....	East St. Louis.....	167,933	76,581	47,616	-----	43,736
S-6	Lenzburg Coal Co.....	Lenzburg.....	55,872	52,942	2,263	-----	441
S-7	Mulberry Hill Coal Co.....	Freeburg.....	32,184	14,018	2,360	-----	8,384
S-8	Marissa Coal Co.....	Marissa.....	14,438	9,070	2,089	-----	1,493
S-10	Perry Coal Co., St. Ellen.....	O'Fallon.....	355,553	51,470	11,111	-----	282,738
S-11	Prairie Coal Co.....	O'Fallon.....	79,944	16,975	-----	-----	58,882
S-13	St. Louis & O'Fallon Coal Co.....	East St. Louis.....	300,900	137,615	146,286	1,213	1,999
S-14	*Service Coal Co.....	Belleville.....	15,029	155	-----	-----	12,371
S-14	*Service Coal & Mining Co.....	Belleville.....	22,536	150	-----	-----	19,495
S-16	Southern Coal, Coke & Mining Co No. 6.....	Belleville.....	26,895	6,472	-----	-----	19,752
S-17	Southern Coal, Coke & Mining Co., No. 7.....	Belleville.....	125,790	41,363	407	-----	74,397
S-18	United Electric Coal Cos., No. 13.....	Freeburg.....	231,155	39,419	19,565	-----	143,189
S-19	Vinegar Hill Coal Co.....	Lenzburg.....	30,601	22,382	4,205	-----	1,405
S-20	White Coal Co.....	Belleville.....	32,503	2,500	-----	-----	29,653
S-21	Mascoutah Coal & Mining Co.....	Mascoutah.....	19,820	854	-----	-----	18,064
	16 shipping mines total.....	-----	1,605,811	513,487	251,338	10,923	740,077

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## EIGHTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—Kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
3,940	4,019	114	125	-----	-----	-----	5,500	4	2	59,825	-----	-----	5	S-1
2,154	-----	120	105	602	-----	-----	-----	4	3	51,124	-----	-----	7	S-2
2,630	147	245	20	157	-----	-----	-----	12	11	17,273	-----	-----	-----	S-4
8,724	4,166	479	83	757	-----	-----	5,500	20	16	128,222	-----	-----	12	

## EIGHTH DISTRICT.

6	29	3	70	-----	250	-----	-----	-----	-----	206	-----	-----	L-1
---	----	---	----	-------	-----	-------	-------	-------	-------	-----	-------	-------	-----

## EIGHTH DISTRICT.

1,000	1,113	52	124	1,745	500	100			3		50,444		4	S-3
1,800		86	101		35,000			2	2	44,214			6	S-4
		129	160		85,400	300		6	4	167,933			13	S-5
226		53	163		53,000				1		55,872		4	S-6
1,975	5,447	75	60	640	1,000	50		2	2	32,184			9	S-7
1,365	421	32	126	488					1		14,438			S-8
4,920	5,314	332	245					7	15	355,553				S-10
3,000	1,087	204	92	1,043	48,100				3		79,944		10	S-11
11,115	2,672	375	220		136,850	200		2	8	300,900				S-13
400	2,103	*71	64	603					*2		15,029		*4	S-14
471	2,420	*69	110	994		25			*2		22,536		*4	S-14
145	526	101	63	1,133		50			2		26,895		4	S-16
8,126	1,497	140	176	3,792	53,700	150			3		125,790		22	S-17
1,243	27,739	64	145		32,150	8,550						231,155		S-18
1,005	1,604	58	64	1,463					1		30,601		4	S-19
350		84	139	840				7	2	32,503			5	S-20
902		53	68	828					1		19,820		3	S-21
38,043	51,943	1,908	133	13,569	445,700	9,425		26	50	933,287	441,369	231,155	90	

## ST. CLAIR COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	F. C. Morgan Coal Co., No. 2.	Millstadt	103,790				103,790
L-2	F. C. Morgan Coal Co., No. 1.	Millstadt	69,194				69,194
L-3	Pep Coal Co.	New Athens	39,663				35,470
L-4	C. R. Luster & Son.	Millstadt	13,694				13,694
L-5	F. C. Morgan Coal Co., No. 4.	Millstadt	57,662				57,662
L-6	G. E. Coal Co.	Belleville	30,993				22,019
L-7	Schubert Coal Co.	Mascoutah	30,929				30,881
L-8	Guest Coal Co.	Belleville	13,580				10,168
L-9	White Rose Coal Co.	Belleville	29,360				29,300
L-10	Bell-Heat Coal Co.	Belleville	12,752				12,602
L-11	Wildwood Coal Co.	Freeburg	23,058				22,052
L-12	Crown Coal Co.	Freeburg	11,105				10,531
L-13	Tower Grove Coal Co.	Belleville	13,264				12,658
L-14	Patterson-Harding Coal Co.	Belleville	500				500
L-15	*West Side Mine.	Marissa	10,669				10,654
L-15	*Marissa West Side Coal Co.	Marissa	1,464				1,448
L-16	New St. Clair Coal Co.	Caseyville	24,526				22,026
L-17	Edgemont Coal Co.	Belleville	11,400				11,229
L-18	Midway Coal Co.	Freeburg	11,133				10,153
L-20	Travis Coal Co.	Belleville	7,556				6,502
L-21	Neuwirth Coal Co.	Freeburg	3,548				3,046
L-22	Fullerton Coal Co.	Belleville	9,000				8,400
L-23	East Side Coal Co.	Freeburg	4,585				4,385
L-24	Hill Coal Co.	Freeburg	8,921				8,015
S-25	New National Coal & Mining Co.	Belleville	27,801				27,746
L-26	New Athens Coal & Mining Co.	New Athens	3,169				3,000
L-27	Summit Coal & Mining Co.	Belleville	10,101				7,972
L-28	A. B. & H. Coal Co.	Caseyville	10,233				10,233
L-29	Reinheimer Slope Mine.	Freeburg	2,201				1,473
L-30	F. C. Morgan Coal Co., No. 3.	Millstadt	3,452	Tonnage included in Morgan, No. 1—			L-1.
L-32	Lill Coal Co.	Freeburg	1,600				2,287
L-33	Ace High Coal Co.	Caseyville	1,772				1,600
L-35	Woodland Coal Co.	Belleville	10,215				1,745
L-36	*Quality Coal & Mining Co.	Belleville	12,711				9,669
L-36	*Dewey Coal & Mining Co.	Belleville	7,072				11,059
L-37	Turkey Hill Coal Co.	Belleville	287				6,052
L-38	Mayer Coal Co.	Freeburg	863				287
L-40	Grossman Mine.	Freeburg	1,831				843
L-41	Sugar Creek Coal Corp.	Freeburg	169				1,831
L-42	Fred Ziska.	East St. Louis	1,203				169
L-43	C. Sporleder Coal Service.	Belleville	21,809				1,191
L-52	Freeburg Coal Co.	Freeburg	9,500				18,669
L-68	Purity Mine.	Belleville	600				8,393
L-70	Belle Valley Coal Co.	Belleville					600
42 local mines total			668,935				631,198
58 all mines total			2,274,746	513,487	251,338	10,923	1,371,275

## EIGHT DISTRICT—Continued

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	27	201	-----	-----	9,200	-----	-----	-----	-----	-----	103,790	-----	L-1
-----	-----	18	198	-----	-----	6,500	-----	-----	-----	-----	-----	69,194	-----	L-2
690	3,503	35	203	1,564	-----	-----	-----	-----	-----	39,663	-----	-----	3	L-3
-----	-----	12	190	-----	-----	6,000	-----	-----	-----	-----	-----	13,694	-----	L-4
-----	-----	15	131	-----	-----	4,500	-----	-----	-----	-----	-----	57,662	-----	L-5
974	8,000	56	165	1,700	-----	-----	-----	-----	1	30,993	-----	-----	3	L-6
48	-----	39	226	1,178	-----	-----	-----	-----	1	30,929	-----	-----	3	L-7
712	2,700	64	55	137	-----	-----	-----	3	1	13,580	-----	-----	4	L-8
60	-----	50	183	1,120	-----	-----	-----	-----	-----	29,360	-----	-----	6	L-9
150	-----	25	97	150	-----	-----	-----	1	1	12,752	-----	-----	3	L-10
-----	1,006	32	98	1,150	-----	-----	-----	-----	-----	23,058	-----	-----	3	L-11
574	-----	17	147	612	-----	-----	-----	-----	-----	11,105	-----	-----	2	L-12
606	-----	33	132	551	-----	-----	-----	-----	-----	13,264	-----	-----	2	L-13
-----	-----	23	20	-----	500	-----	-----	-----	-----	500	-----	-----	4	L-14
15	-----	*43	43	-----	-----	-----	-----	-----	-----	10,669	-----	-----	3	*L-15
16	-----	*27	33	-----	1,400	-----	-----	-----	-----	1,464	-----	-----	2	*L-15
1,200	1,300	40	170	200	-----	-----	-----	2	-----	24,526	-----	-----	5	L-16
71	100	31	91	694	-----	-----	-----	-----	-----	11,400	-----	-----	3	L-17
480	500	11	172	460	-----	-----	-----	1	-----	11,133	-----	-----	2	L-18
100	954	14	190	220	-----	-----	-----	-----	-----	-----	-----	-----	2	L-20
2	500	5	164	121	-----	-----	-----	-----	-----	7,556	-----	-----	2	L-21
600	-----	23	140	450	-----	-----	-----	-----	-----	3,548	-----	-----	2	L-22
200	-----	12	149	229	-----	-----	-----	-----	-----	9,000	-----	-----	2	L-23
-----	906	9	225	-----	10,000	-----	-----	-----	-----	4,585	-----	-----	1	L-24
55	-----	59	71	-----	5,760	100	-----	2	2	27,801	-----	-----	4	S-25
169	-----	10	123	120	-----	-----	-----	-----	-----	3,169	-----	-----	1	L-26
507	1,622	30	137	481	-----	-----	-----	-----	-----	10,101	-----	-----	3	L-27
-----	-----	11	227	-----	1,600	-----	-----	1	-----	10,233	-----	-----	2	L-28
20	708	4	129	84	-----	-----	-----	-----	-----	2,201	-----	-----	1	L-29
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	L-30
365	800	11	120	120	-----	-----	-----	-----	-----	3,452	-----	-----	1	L-32
-----	-----	4	185	-----	1,600	-----	-----	-----	-----	1,600	-----	-----	1	L-33
27	-----	4	155	182	-----	-----	-----	-----	-----	1,772	-----	-----	1	L-35
12	534	*62	45	316	-----	-----	-----	-----	*1	10,215	-----	-----	5	*L-36
24	1,628	*56	73	464	-----	-----	-----	-----	*1	12,711	-----	-----	5	*L-36
720	300	8	178	124	1,950	-----	-----	-----	-----	7,072	-----	-----	1	L-37
-----	-----	3	28	-----	300	-----	-----	-----	-----	287	-----	-----	-----	L-38
-----	20	3	220	-----	-----	-----	-----	-----	-----	-----	-----	863	-----	L-40
-----	-----	6	106	153	-----	-----	-----	-----	-----	1,831	-----	-----	1	L-41
-----	-----	1	140	17	-----	-----	-----	-----	-----	169	-----	-----	1	L-42
12	-----	2	179	54	-----	-----	-----	-----	-----	1,203	-----	-----	-----	L-43
970	2,170	50	122	853	-----	-----	-----	-----	1	21,809	-----	-----	3	L-52
707	400	12	240	475	-----	-----	-----	-----	-----	9,500	-----	-----	1	L-68
-----	-----	7	10	-----	600	-----	-----	-----	-----	600	-----	-----	-----	L-70
10,086	27,651	910	141	13,979	23,710	26,300	-----	10	9	100,025	323,707	245,203	79	-----
48,129	79,594	2,818	138	27,548	469,410	35,725	-----	36	59	1,033,312	765,076	476,358	169	-----

## EIGHTH DISTRICT, SHIPPING MINES

County	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Clinton.....	3	128, 222	23, 694	-----	-----	91, 638	8, 724	4, 166
St. Clair.....	16	1, 605, 811	513, 487	251, 338	10, 923	740, 077	38, 043	51, 943
Total.....	19	1, 734, 033	537, 181	251, 338	10, 923	831, 715	46, 767	56, 109

## LOCAL

Monroe.....	1	206	-----	-----	-----	171	6	29
St. Clair.....	42	668, 935	-----	-----	-----	631, 198	10, 086	27, 651
Total.....	43	669, 141	-----	-----	-----	631, 369	10, 092	27, 680

## ALL

Clinton.....	3	128, 222	23, 694	-----	-----	91, 638	8, 724	4, 166
Monroe.....	1	206	-----	-----	-----	171	6	29
St. Clair.....	58	2, 274, 746	513, 487	251, 338	10, 923	1, 371, 275	48, 129	79, 594
Total.....	62	2, 403, 174	537, 181	251, 338	10, 923	1, 463, 084	56, 859	83, 789

## RECAPITULATION BY COUNTIES.

Total em- ployes.	Days oper- ated.	Explosives used for blasting coal.					Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.	Machine.			Hand.	Stripping.		
479	83	757			5,500	20	16	128,222				12
1,908	133	13,569	445,700	9,425		26	50	933,287	441,369	231,155		90
2,387	125	14,326	445,700	9,425	5,500	46	66	1,061,509	441,369	231,155		102

## MINES.

3	70	-----	250	-----	-----	-----	-----	-----	206	-----	-----	-----
910	141	13,979	23,710	26,300	-----	-----	10	9	100,025	323,707	245,203	79
913	139	13,979	23,960	26,300	-----	-----	10	9	100,025	323,913	245,203	79

## MINES.

479	83	757	-----	-----	5,500	20	16	128,222	-----	-----	12
3	70	-----	250	-----	-----	-----	-----	-----	206	-----	-----
2,818	138	27,548	469,410	35,725	-----	36	59	1,033,312	765,076	476,358	169
3,300	135	28,305	469,660	35,725	5,500	56	75	1,161,534	765,282	476,358	181

## NINTH DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Ninth Inspection District comprising the coal producing counties of Jackson, Perry, Randolph and Washington for the year ending December 31, 1938.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
LEONARD FORESTER, *Inspector.*

## NINTH DISTRICT.

	1938	1937	1936	1935	1934
Number of counties producing coal.....	4	4	4	4	4
Number of shipping mines.....	24	26	26	35	31
Number of local mines.....	45	42	62	49	53
Number of employees underground.....	2,268	2,559	2,648	3,012	2,813
Number of employees on surface.....	1,530	1,573	1,652	1,665	1,469
Total number employed.....	3,798	4,132	4,300	4,677	4,282
Tons of coal produced in shipping mines.....	5,470,523	7,094,631	6,044,840	5,473,191	5,249,945
Tons of coal produced in local mines.....	199,939	224,648	181,588	141,541	112,806
Tons of coal produced, total.....	5,670,462	7,319,279	6,226,428	5,614,732	5,362,751
Days operated, shipping mines, average.....	133	151	132	111	124
Days operated, local mines, average.....	134	161	110	147	117
Number of undercutting machines.....	90	101	112	121	114
Tons undercut.....	1,912,737	2,817,986	2,716,367	2,169,659	2,194,893
Tons mined by hand.....	201,237	273,934	317,369	315,018	205,250
Tons mined in strip mines.....	3,556,488	4,227,359	3,192,692	3,130,055	2,962,608
Number of loading machines used.....	61	65	79	64	52
Tons loaded mechanically.....	1,597,572	2,068,859	553,298	1,082,133	1,216,757
Number of fatal accidents.....	8	5	19	5	4
Number of non-fatal accidents.....	208	251	204	234	173
Number of employees to each fatality.....	475	826	226	935	1,071
Number employed to each non-fatal accident.....	18.3	16.5	21.2	19.9	24.8
Tons of coal mined to each fatality.....	708,808	1,463,856	327,707	1,122,946	1,340,688
Tons mined to each non-fatal accident.....	27,262	29,160	30,522	23,994	30,999
Number of fatalities per 1,000 employed.....	2.1	1.2	4.4	1.1	0.9
Number injured per 1,000 employed.....	54.8	60.7	47.4	50.0	40.4

## CHANGED TO LOCAL MINE.

Bailey Brothers Coal Company, Perry County.

## CHANGE OF NAME.

Bird & Tanner to H. E. Presswood Coal Company, Perry County.

K. & E. Coal Company to Edgar Coal Company, Perry County.

Whip-Poor-Will Coal Company to C. & R. Coal Company No.44,  
Perry County.



## SUSPENDED OPERATION.

Oregon Coal Company, Randolph County.

## FATAL ACCIDENTS.

February 19, John Bibb, cleanup man, aged 61 years, married, killed by fall of rock in mine No. 5 of the Centralia Coal Co., leaving widow.

February 22, Joe Berger, face boss, aged 74 years, single, died from injuries received in fall of rock February 18, in mine No. 5 of the Centralia Coal Co. No dependents.

March 22, Frederick Francis Truebger, civil engineer, aged 42 years, married, crushed by cars in the Kathleen mine of the Union Colliery Co., leaving widow.

August 18, Glen M. Hiller, miner, aged 36 years, married, killed by fall of clod rock in mine No. 2 of the Swafford Coal Co., leaving widow and two children.

August 26, William Roy Furlow, car dropper, aged 59 years, married, crushed by railroad car in yards of Peabody Coal Co. mine No. 14, leaving widow.

November 1, Ross Rees, driller, aged 29 years, married, died from injuries received October 28, when caught under fall of overhang at the No. 2 mine of the Traux-Traer Coal Co., leaving widow and three children.

November 28, Thomas Chaney, motorman and triprider, aged 60 years, married, crushed by motor in mine No. 5 of the Centralia Coal Co., leaving widow.

December 17, R. L. Noble, driller, aged 56 years, married, killed by fall of clod rock in the Florida mine of the St. Louis Coal Co., leaving widow.

## FATAL ACCIDENTS, NINTH DISTRICT, 1938.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Feb. 18	Feb. 22	Joe Berger	74	Face boss	Centralia	Centralia Coal Co.	5	1	1	1	1	1	Fall of rock.
Feb. 18	Feb. 19	John Bibb (colored)	61	Cleanup man	Centralia	Centralia Coal Co.	5	1	1	1	1	1	Fall of rock.
Nov. 28	Nov. 28	Thomas Chaney	60	Motorman-triprider	Centralia	Centralia Coal Co.	5	1	1	1	1	1	Crushed by motor.
Aug. 26	Aug. 27	William Roy Furlow	59	Car dropper	Mulkeytown	Peabody Coal Co.	14	1	1	1	1	1	Crushed by R. R. car.
Aug. 18	Aug. 18	Glen M. Hiller	36	Miner	Carbondale	Swafford Coal Co.	2	1	1	1	2	3	Fall of clod.
Dec. 17	Dec. 17	R. L. Noble	56	Driller	Tilden	St. Louis Coal Co.	Florida	1	1	1	1	1	Fall of clod.
Oct. 28	Nov. 1	Ross Rees	29	Driller	De Soto	Truax-Traer Coal Co.	2	1	1	1	3	4	Fall of overhang.
Mar. 22	Mar. 22	Frederick Francis Truebger	42	Civil engineer	DuQuoin	Union Colliery Co.	Kathleen	1	1	1	1	1	Crushed by motor.

## NON-FATAL ACCIDENTS, NINTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
						Total.	Average.			
Bois Coal Co.	4	1	66	22	3	66	22	---	January	17
Centralia Coal Co., No. 5	13	3	309	31	4	55	14	6	February	19
Clarkson Coal & Mining Co.	3	---	21	7	3	21	7	---	March	15
Conlterville Coal Co.	2	---	73	37	---	---	---	2	April	11
C. & R. Coal Co.	5	---	92	18	5	92	18	---	May	12
Cutler Coal Co.	11	2	209	23	7	90	13	2	June	21
Home Coal Co.	6	2	110	28	2	20	10	2	July	19
IL-Mo Coal Co.	1	---	11	11	1	11	11	---	August	12
Moffat Coal Co.	23	2	668	32	12	194	16	9	September	17
New Gahum Coal Co.	1	---	90	90	---	---	---	1	October	22
Peabody Coal Co., No. 14	26	6	561	28	13	212	16	7	November	16
Pineknayville Mining Co., No. 5	1	---	30	30	---	---	---	1	December	27
Pyramid Coal Corp.	17	4	359	28	6	82	14	---	---	208
St. Louis Coal Co.	15	1	264	19	11	141	13	1	---	---
Southwestern Illinois Coal Corp.	7	1	223	37	5	53	11	3	---	---
Truax-Traer Coal Co., No. 2	2	---	24	12	2	24	12	1	---	---
Union Colliery Co.	47	10	1,469	40	22	373	17	15	---	---
United Electric Coal Cos., No. 11	11	---	110	10	11	110	10	---	---	---
Whip-Poor-Will Coal & Mining Co.	5	---	54	11	5	54	11	---	---	---
Shipping Mines	200	32	4,743	28	112	1,598	14	56	---	---
Local Mines	8	1	253	36	6	89	15	1	---	---
Total	208	33	4,996	29	118	1,687	14	57	---	---

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	SHIPPING MINES						
S-1	Truax-Traer Coal Co., No. 2.....	Elkville.....	429, 817	312, 289	111, 299	-----	989
S-2	Union Colliery Co.....	Dowell.....	782, 840	648, 790	106, 754	-----	1, 384
	2 shipping mines total.....	-----	1, 212, 657	961, 079	218, 053	-----	2, 373
	LOCAL MINES.						
L-1	J. M. Templeton, No. 2.....	McLeansboro.....	12, 609	-----	-----	-----	12, 101
L-2	Blair Mine, No. 3.....	Murphysboro.....	4, 427	-----	-----	-----	4, 150
L-4	E. H. Birkner.....	Oraville.....	4, 184	-----	-----	-----	3, 375
L-5	*East Side Coal Co.....	Carbondale.....	4, 000	-----	-----	-----	4, 000
L-5	*Louis L. McDonald.....	Carbondale.....	1, 662	-----	-----	-----	1, 330
L-6	Thos. G. Phillips.....	Carbondale.....	4, 968	-----	-----	-----	4, 494
L-7	M. E. Coal Mine.....	De Soto.....	6, 886	-----	-----	-----	5, 881
L-8	Jackson County Brick Co.....	Campbell Hill.....	3, 522	-----	-----	-----	-----
L-12	K. W. S. Mine.....	Willisville.....	743	-----	-----	-----	723
L-15	Swafford Coal Co., No. 2.....	Carbondale.....	3, 214	-----	-----	-----	2, 860
L-16	Morgan Mine.....	Ava.....	1, 171	-----	-----	-----	1, 153
L-17	Replogle & Son.....	Murphysboro.....	2, 749	-----	-----	-----	2, 729
L-18	Campbell Hill Coal Co.....	Campbell Hill.....	70	-----	-----	-----	70
L-20	Monarch Coal Co.....	Elkville.....	367	-----	-----	-----	367
L-21	Wills Mine.....	Murphysboro.....	54, 132	-----	-----	-----	51, 132
L-22	O. R. Moss.....	Vergennes.....	315	-----	-----	-----	300
L-23	Rest Coal Co., No. 1.....	Carbondale.....	330	-----	-----	-----	243
L-24	Craig Coal Co.....	De Soto.....	1, 000	-----	-----	-----	1, 000
L-27	John Douglas.....	McLeansboro.....	334	-----	-----	-----	304
L-28	Patrick & McCormick Coal Co.....	Elkville.....	1, 821	-----	-----	-----	1, 600
L-29	Elkville Coal Co.....	Elkville.....	1, 732	-----	-----	-----	1, 480
L-32	Ben R. Johns.....	Murphysboro.....	20	-----	-----	-----	14
L-47	Young Coal Co.....	Carbondale.....	35	-----	-----	-----	-----
L-48	Carbon Heights No. 4.....	Makanda.....	38	-----	-----	-----	38
	23 local mines total.....	-----	110, 329	-----	-----	-----	99, 344
	25 all mines total.....	-----	1, 322, 986	961, 079	218, 053	-----	101, 717

## NINTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
637	4, 603	152	111	—	19, 150	—	27, 750	—	—	—	—	429, 817	—	S-1
780	25, 132	625	154	—	—	1, 950	103,300	20	30	782, 840	—	—	—	S-2
1, 417	29, 735	777	133	—	19, 150	1, 950	131,050	20	30	782, 840	—	429, 817	—	
100	408	20	183	162	—	—	—	2	—	12, 609	—	—	2	L-1
77	200	5	260	70	—	—	—	1	—	4, 427	—	—	2	L-2
15	794	6	186	270	—	—	—	—	—	—	4, 184	—	—	L-4
—	—	*14	70	—	550	—	—	1	*	4, 000	—	—	1	*L-5
—	332	*7	81	—	400	—	—	1	*	1, 662	—	—	1	*L-5
—	474	6	223	274	—	—	—	—	—	—	4, 968	—	1	L-6
432	573	11	171	11	5, 850	—	—	—	—	—	6, 886	—	1	L-7
3, 522	—	10	218	—	2, 500	—	—	1	—	3, 522	—	—	1	L-8
20	—	3	120	34	—	—	—	—	—	—	743	—	1	L-12
12	342	6	229	201	—	—	—	—	—	—	3, 214	—	1	L-15
18	—	6	134	70	—	—	—	—	—	—	1, 171	—	1	L-16
20	—	8	109	115	—	—	—	—	—	—	2, 749	—	—	L-17
—	—	5	15	3	—	—	—	—	—	—	70	—	—	L-18
—	—	5	29	—	400	—	—	—	—	—	367	—	1	L-20
—	3, 000	19	307	—	—	—	—	—	—	—	—	54, 132	—	L-21
15	—	2	142	—	250	—	—	—	—	—	315	—	1	L-22
12	75	4	20	20	—	—	—	—	—	—	330	—	1	L-23
—	—	5	150	250	—	—	—	—	—	—	1000	—	1	L-24
30	—	3	20	16	—	—	—	—	—	—	334	—	—	L-27
221	—	4	168	80	—	—	—	—	—	—	1, 821	—	1	L-28
252	—	5	154	57	750	—	—	—	—	—	1, 732	—	1	L-29
—	6	2	5	1	—	—	—	—	—	—	20	—	—	L-32
—	35	3	10	2	—	—	—	—	—	—	35	—	1	L-47
—	—	2	20	3	—	—	—	—	—	—	38	—	—	L-48
4, 746	6, 239	151	131	1, 639	10, 700	—	—	5	—	26, 220	29, 977	54, 132	18	
6, 163	35, 974	928	132	1, 639	29, 850	1, 950	131,050	25	30	809, 060	29, 977	483, 949	18	

## PERRY COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-2	Beaucoup Coal Co.....	Pinckneyville..	20,035	14,529	3,176	-----	1,970
S-3	H. E. Presswood Coal Co.....	Pinckneyville..	643	50	-----	-----	498
S-4	Pinckneyville Mining Co., No. 5.....	Pinckneyville..	18,435	13,745	2,985	-----	680
S-5	Conant Coal Co.....	Conant.....	10,735	5,376	4,606	-----	281
S-6	Peabody Coal Co., No. 14.....	DuQuoin.....	364,003	236,120	105,961	-----	4,713
S-8	Cutler Coal Co., Inc.....	Cutler.....	47,979	44,795	-----	-----	510
S-9	Home Coal Co., No. 43.....	Tamaroa.....	25,900	10,600	500	-----	14,300
S-10	Edgar Coal Co.....	Tamaroa.....	6,977	3,137	-----	-----	2,790
S-11	New Galum Coal Co.....	Cutler.....	18,451	12,277	5,200	-----	200
S-12	Perfection Coal Co.....	DuQuoin.....	39,689	8,951	-----	21,401	9,337
S-13	Pyramid Coal Corp.....	Pinckneyville..	1,397,542	303,042	708,530	-----	1372,752
S-14	United Electric Coal Cos., No. 11.....	DuQuoin.....	939,291	506,774	323,840	-----	-----
S-15*	Whip-Poor-Will Coal Co.....	Cutler.....	12,572	12,057	-----	-----	165
S-15*	C. & R. Coal Co.....	Cutler.....	25,256	24,751	-----	-----	505
S-16	Coulterville Coal Co.....	Coulterville..	16,050	8,561	4,400	-----	2,761
14 shipping mines total.....			2,943,558	1,204,765	1,159,198	21,401	411,462
LOCAL MINES.							
L-1	Ritter Coal Co.....	DuQuoin.....	12,427	-----	-----	-----	12,427
L-2	Elm Grove Coal Co.....	Cutler.....	5,490	-----	-----	-----	4,614
L-3	Bolinski Coal Co.....	Pinckneyville..	2,758	-----	-----	-----	2,758
L-4	Higgerson Coal Co.....	Cutler.....	1,717	-----	-----	-----	1,522
L-6*	Weldon-Lemmons Coal Co.....	Tamaroa.....	1,158	-----	-----	-----	819
L-6*	George Andrews Coal Co.....	Tamaroa.....	162	-----	-----	-----	112
L-7	T. J. Howell.....	DuQuoin.....	584	-----	-----	-----	584
L-8	Little White Ash Coal Co.....	DuQuoin.....	1,798	-----	-----	-----	1,748
L-11	Hot Shot Coal Co.....	DuQuoin.....	910	-----	-----	-----	819
L-12*	New Jewel Coal Co., No. 3.....	DuQuoin.....	170	-----	-----	-----	-----
L-12*	New Jewel Coal Co., No. 3.....	DuQuoin.....	291	-----	-----	-----	291
L-13	Roy M. Burnett.....	DuQuoin.....	1,016	-----	-----	-----	1,016
L-29	Energy Coal & Supply Co.....	DuQuoin.....	1,501	-----	-----	-----	1,501
L-30	Bailey Bros. Coal Co.....	DuQuoin.....	1,548	-----	-----	-----	1,368
12 local mines total.....			31,530	-----	-----	-----	29,579
26 all mines total.....			2,975,088	1,204,765	1,159,198	21,401	441,041

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

<sup>1</sup> Supplied to Universal Washer—372,072 tons.

## NINTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
360	-----	13	197	-----	22,500	-----	-----	-----	-----	-----	20,035	-----	2	G-2
95	-----	9	84	-----	800	-----	-----	-----	-----	-----	643	-----	2	G-3
1,000	25	58	79	1,200	-----	-----	-----	-----	2	-----	18,435	-----	3	G-4
472	-----	14	182	-----	13,000	-----	-----	1	-----	5,000	5,735	-----	1	G-5
10,453	6,756	524	106	-----	-----	59,075	-----	22	26	364,003	-----	-----	3	G-6
1,210	1,464	97	108	811	-----	-----	-----	4	1	47,979	-----	-----	5	G-8
500	-----	50	158	1,000	-----	-----	-----	-----	-----	-----	25,900	-----	3	G-9
1,050	-----	25	150	205	-----	-----	-----	-----	-----	-----	6,977	-----	3	G-10
774	-----	31	140	846	-----	-----	-----	-----	-----	-----	18,451	-----	2	G-11
-----	-----	49	48	-----	900	-----	-----	-----	-----	-----	-----	39,689	-----	G-12
13,218	-----	380	199	60,000	22,000	10,350	-----	-----	-----	-----	-----	1,397,542	-----	G-13
5,355	103,322	248	181	-----	109,850	-----	-----	-----	-----	-----	-----	939,291	-----	G-14
350	-----	*96	32	522	-----	-----	-----	*1	-----	3,772	8,800	-----	9	*S-15
-----	-----	*100	55	1,045	-----	-----	-----	*1	-----	7,472	17,784	-----	9	*S-15
328	-----	104	41	178	-----	500	-----	3	1	16,050	-----	-----	6	S-16
35,165	111,567	1,700	126	5,807	207,050	22,500	69,425	31	30	444,276	122,760	2,376,522	39	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	5	156	-----	100	-----	-----	-----	-----	-----	-----	12,427	-----	L-1
206	670	5	141	83	3,050	-----	-----	-----	-----	5,490	-----	-----	1	L-2
-----	-----	8	170	95	-----	-----	-----	-----	-----	2,758	-----	-----	1	L-3
195	-----	5	125	-----	1,500	-----	-----	-----	-----	1,717	-----	-----	1	L-4
339	-----	*3	175	52	-----	-----	-----	-----	-----	1,158	-----	-----	1	*L-6
50	-----	*7	21	8	-----	-----	-----	-----	-----	162	-----	-----	1	*L-6
-----	-----	3	50	25	-----	-----	-----	-----	-----	584	-----	-----	1	L-7
50	-----	4	219	77	-----	-----	-----	-----	-----	1,798	-----	-----	1	L-8
91	-----	6	97	-----	900	-----	-----	-----	-----	910	-----	-----	1	L-11
-----	170	*5	40	-----	350	-----	-----	-----	-----	170	-----	-----	1	*L-12
-----	-----	*5	51	-----	600	-----	-----	*1	-----	291	-----	-----	1	*L-12
-----	-----	2	171	36	-----	-----	-----	-----	-----	-----	1,016	-----	1	L-13
-----	-----	5	52	-----	-----	-----	-----	-----	-----	-----	-----	1,501	-----	L-29
180	-----	7	86	75	-----	-----	-----	-----	-----	-----	1,518	-----	-----	L-30
1,111	840	60	129	451	6,500	-----	-----	1	-----	291	17,311	13,928	11	-----
36,276	112,407	1,760	127	6,258	213,550	22,500	69,425	32	30	444,567	140,071	2,390,450	50	-----

## RANDOLPH COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-2	Crain Coal Co.....	Percy.....	7, 147	1, 383	860		4, 580
S-3	Ill-Mo Coal Co.....	Sparta.....	12, 941	3, 232	4, 221		5, 342
S-5	Moffat Coal Co.....	Sparta.....	221, 574	15, 187	189, 984		4, 829
S-6	St. Louis Coal Co.....	Coulterville.....	152, 489	43, 114	39, 410		53, 722
S-7	Southwestern Illinois Coal Corp.....	Percy.....	682, 089	440, 129	193, 531		460
5 shipping mines total.....			1, 076, 240	503, 045	428, 006		68, 933
LOCAL MINES.							
L-1	Lemmon & McKelvey Coal Co.	Sparta.....	10, 099				9, 247
L-2	Blair Coal Co.....	Sparta.....	4, 684				4, 524
L-3*	Syndicate Coal Co.....	Percy.....	6, 000				5, 437
L-3*	Syndicate Mining Co.....	Percy.....	3, 232				3, 000
L-4	Baldwin Coal Co.....	Baldwin.....	2, 268				2, 055
L-5*	Home Fire Coal Co.....	Sparta.....	695				643
L-5*	Barton & Gabriel.....	Sparta.....	384				284
L-6*	H. M. Welshans.....	Sparta.....	469				418
L-6*	Schuline Coal Co.....	Sparta.....	3, 539				3, 318
L-7	Beveridge Coal Co., Inc., No. 2	Sparta.....	7, 754				7, 362
L-9	Economy Coal Co.....	Sparta.....	298				200
8 local mines total.....			39, 422				36, 488
13 all mines total.....			1, 115, 662	503, 045	428, 006		105, 421

## WASHINGTON COUNTY

SHIPPING MINES.							
S-1	Centralia Coal Co.....	Centralia.....	170, 905	65, 100	73, 730		20, 210
S-2	Clarkson Coal & Mining Co.....	Nashville.....	46, 440	1, 693	15, 862	17, 211	7, 621
S-3	Bois Coal Co.....	Dubois.....	20, 723	1, 025			16, 830
	3 shipping mines total.....		238, 068	67, 818	89, 592	17, 211	44, 661
LOCAL MINES.							
L-1	Darmstadt Coal Co.....	Lenzburg.....	11, 674				10, 674
L-2	Venedy Coal Co.....	Venedy.....	6, 984				6, 398
	2 local mines total.....		18, 658				17, 072
	5 all mines total.....		256, 726	67, 818	89, 592	17, 211	61, 733

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## NINTH DISTRICT

Disposition of output—tons.			Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.				Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
324		10	152			3,000			1		5,347	1,800		1	S-2
15	131	28	150			3,600			1	1	12,941			2	S-3
11,574		300	173			109,675	2,000	7,600	6	15	221,574			15	S-5
4,180	12,063	204	95		66	49,500			7	2	152,489			17	S-6
900	47,069	105	165			40,800							682,089		S-7
16,993	59,263	647	147		66	206,575	2,000	7,600	15	18	392,351	1,800	682,089	35	
568	284	14	142	78		600			1		10,099			2	L-1
160		7	160	25					1		4,684			2	L-2
273	290	*11	72			886			*1	*1	6,000			*1	L-3
232		*11	61			600			*1	*1	3,232			*1	L-3
213		6	173			800			1		2,268			1	L-4
52		*5	46	35					*1		695			*1	L-5
100		*8	32	21								384		*1	L-5
18	33	*5	19			136			1	*	469			*1	L-6
221		*7	144			1,500			1	*	3,539			*1	L-6
392		12	191	110					1		7,754			1	L-7
98		5	30	15								298			L-9
2,327	607	68	134	284		4,522			7	1	38,740	682		9	
19,320	59,870	715	139	350		211,097	2,000	7,600	22	19	431,091	2,482	682,089	44	

## NINTH DISTRICT.

11,865		227	93				37,150	6	19	170,905					S-1
3,903	150	88	125		6,500			4	1	46,440				6	S-2
1,008	1,860	52	208	956							20,723			5	S-3
16,776	2,010	367	142	956	6,200		37,150	10	20	217,345	20,723			11	
700	300	17	184		3,500			1		10,674	1,000			2	L-1
586		11	187	287							6,984			1	L-2
1,286	300	28	186	287	3,500			1		10,674	7,984			3	
18,062	2,310	395	159	1,243	9,700		37,150	11	20	228,019	28,707			14	

## NINTH DISTRICT, SHIPPING MINES

County	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Jackson.....	2	1,212,657	961,079	218,053	-----	2,373	1,417	29,735
Perry.....	14	2,943,558	1,204,765	1,159,198	21,401	+411,462	35,165	111,567
Randolph.....	5	1,076,240	503,045	428,006	-----	68,933	16,993	59,263
Washington.....	3	238,068	67,818	89,592	17,211	44,661	16,776	2,010
Total.....	24	5,470,523	2,736,707	1,894,849	38,612	527,429	70,351	202,575

## LOCAL

Jackson.....	23	110,329	-----	-----	-----	99,344	4,746	6,239
Perry.....	12	31,530	-----	-----	-----	29,579	1,111	840
Randolph.....	8	39,422	-----	-----	-----	36,488	2,327	607
Washington.....	2	18,658	-----	-----	-----	17,072	1,286	300
Total.....	45	199,939	-----	-----	-----	182,483	9,470	7,986

## ALL

Jackson.....	25	1,322,986	961,079	218,053	-----	101,717	6,163	35,974
Perry.....	26	2,975,088	1,204,765	1,159,198	21,401	441,041	36,276	112,407
Randolph.....	13	1,115,662	503,045	428,006	-----	105,421	19,320	59,870
Washington.....	5	266,726	67,818	89,592	17,211	61,733	18,062	2,310
Total.....	69	5,670,462	2,736,707	1,894,849	38,612	709,912	79,821	210,561

+ Supplied to Universal washer—372,072 tons.

## RECAPITULATION BY COUNTIES.

Total em- ploys.	Days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals. underground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.			Machine.	Hand.	Stripping.	
777	133	-----	19,150	1,950	131,050	20	30	782,840	-----	429,817	-----
1,700	126	5,807	207,050	22,500	69,425	31	30	444,276	122,760	2,376,522	39
647	147	66	206,575	2,000	7,600	15	18	392,351	1,800	682,089	35
367	142	956	6,200	-----	37,150	10	20	217,345	20,723	-----	11
3,491	133	6,829	438,975	26,450	245,225	76	98	1,836,812	145,283	3,488,428	85

## MINES.

151	131	1,639	10,700	-----	-----	5	-----	26,220	29,977	54,132	18
60	129	451	6,500	-----	-----	1	-----	291	17,311	13,928	11
68	134	284	4,522	-----	-----	7	1	38,740	682	-----	9
28	186	287	3,500	-----	-----	1	-----	10,674	7,984	-----	3
307	134	2,661	25,222	-----	-----	14	1	75,925	55,954	68,060	41

## MINES.

928	132	1,639	29,850	1,950	131,050	25	30	809,060	29,977	483,949	18
1,760	127	6,258	213,550	22,500	69,425	32	30	444,567	140,071	2,390,450	50
715	139	550	211,097	2,000	7,600	22	19	431,091	2,482	682,089	44
395	159	1,243	9,700	-----	37,150	11	20	228,019	28,707	-----	14
3,798	133	9,490	464,197	26,450	245,225	90	99	1,912,737	201,237	3,556,488	126

## TENTH DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Tenth Inspection District comprising the coal producing counties of Franklin and Jefferson for the year ending December 31, 1938.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
WILLIAM J. JOHNSON, *Inspector.*

## TENTH DISTRICT.

	1938	1937	1936	1935	1934
Number of counties producing coal.....	2	2	2	2	2
Number of shipping mines.....	12	13	15	12	15
Number of local mines.....	5	5	4	5	5
Number of employees underground.....	5, 113	5, 290	6, 094	5, 531	6, 908
Number of employees on surface.....	1, 585	1, 520	1, 614	1, 391	1, 517
Total number employed.....	6, 698	6, 810	7, 708	6, 922	8, 425
Tons of coal produced in shipping mines.....	7, 873, 999	10, 108, 267	9, 432, 140	7, 985, 155	7, 780, 162
Tons of coal produced in local mines.....	1, 535	380	420	957	541
Tons of coal produced, total.....	7, 875, 534	10, 108, 647	9, 432, 560	7, 986, 112	7, 780, 703
Days operated, shipping mines, average.....	128	170	144	147	130
Days operated, local mines, average.....	41	47	38	62	39
Number of undercutting machines.....	196	207	241	210	279
Tons undercut.....	7, 873, 999	10, 108, 267	9, 432, 140	7, 985, 155	7, 780, 162
Tons mined by hand.....	1, 181				
Tons mined in strip mines.....	354	380	420	957	541
Number of loading machines used.....	310	346	398	443	492
Tons loaded mechanically.....	7, 796, 554	9, 955, 003	8, 807, 968	6, 598, 265	5, 365, 594
Number of fatal accidents.....	10	17	19	14	20
Number of non-fatal accidents.....	305	428	486	459	578
Number of employees to each fatality.....	670	401	406	494	421
Number employed to each non-fatal accident.....	22.0	15.9	15.9	15.1	14.6
Tons of coal mined to each fatality.....	787, 553	594, 604	496, 451	570, 437	389, 035
Tons mined to each non-fatal accident.....	25, 821	23, 617	19, 408	17, 399	13, 461
Number of fatalities per 1,000 employed.....	1.5	2.4	2.5	2.0	2.4
Number injured per 1,000 employed.....	45.5	62.8	63.1	66.3	68.6

## SUSPENDED OPERATION.

Sahara Coal Company No. 3, Franklin County.

## IDLE MINES.

Illinois Coal Corporation No. 10, Nason, Jefferson County.

Old Ben Coal Corporation No. 9, West Frankfort, Franklin County.

Old Ben Coal Corporation No. 10, Christopher, Franklin County.

Old Ben Coal Corporation No. 12, Christopher, Franklin County.

Old Ben Coal Corporation No. 16, Sesser, Franklin County.

Old Ben Coal Corporation No. 19, Rend, Franklin County.

United States Fuel Company, M. F., Benton, Franklin County.

#### FATAL ACCIDENTS.

January 26, Arthur J. Myatt, Jr., motorman, aged 26 years, married, killed by fall of rock in mine No. 15 of the Old Ben Coal Corp., leaving widow and five children.

February 14, William Wemmer, loader, aged 60 years, widower, killed by fall of face coal in mine No. 5 of the Franklin County Coal Corp. No dependents.

February 26, J. Robert Larwood, machine man, aged 53 years, married, died from injuries received on January 7 when crushed between machine and face in mine No. 2 of the Chicago, Wilmington & Franklin Coal Co., leaving widow and three step-children.

March 24, Guy Stanley Peters, mechanic, aged 45 years, married, crushed between loading machine and brake wheel of motor in mine No. 1 of the Bell & Zoller Coal & Mining Co., leaving widow and one child.

April 20, Fenton Bowers, track boss, aged 69 years, widower, crushed by railroad cars in yards of mine No. 1 of the Chicago, Wilmington & Franklin Coal Co. No dependents.

June 16, William I. Wilson, machine man, aged 60 years, married, killed by fall of coal in mine No. 1 of the Valier Coal Co., leaving widow.

August 13, Walter Combs, machine man, aged 50 years, married, died from injuries received on August 6 from fall of face coal in mine No. 7 of the Franklin County Coal Corp., leaving widow.

September 12, Shelby Hopper, hoisting engineer, aged 69 years, married, shut off engine and set the brakes before collapsing on floor of engine room at mine No. 8 of the Old Ben Coal Corp., leaving widow and three children. Cause given as heart trouble.

December 7, George McClellan, night motorman, aged 33 years, married, killed by explosion of gas in mine No. 15 of the Old Ben Coal Corp., leaving widow and two children.

December 18, Robert Forster, timberman, aged 69 years, married, died from injuries received on December 15 from fall of top coal in mine No. 18 of the Peabody Coal Co., leaving widow.

FATAL ACCIDENTS, TENTH DISTRICT, 1938.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Apr. 20	Apr. 20	Fenton Bowers	69	Track boss	Orient	C. W. & F. Coal Co.	1	1	1	1	1	1	Crushed by R. R. car.
Aug. 6	Aug. 13	Walker Combs	50	Machine man	Herrin	Franklin County Coal Corp.	7	1	1	1	1	1	1 Fall of face coal.
Dec. 15	Dec. 18	Robert Forster	69	Timberman	Marion	Peabody Coal Co.	18	1	1	1	1	1	1 Fall of top coal.
Sept. 12	Sept. 12	Shelby Hopper	69	Hoisting engineer	West Frankfort	Old Ben Coal Corp.	8	1	1	1	3	4	Heart trouble
Jan. 7	Feb. 26	J. Robert Larwood	53	Machine man	Benton	C. W. & F. Coal Co.	2	1	1	1	1	4	Crushed between machine and face.
Dec. 7	Dec. 7	George McClellan	33	Night motor man	West Frankfort	Old Ben Coal Corp.	15	1	1	1	2	3	Gas explosion.
Jan. 26	Jan. 26	Arthur J. Myatt, Jr.	26	Motor man	West Frankfort	Old Ben Coal Corp.	15	1	1	1	1	5	6 Fall of rock.
Mar. 24	Mar. 24	Guy Stanley Peters	45	Mechanic	Christophlet	Bell & Zoller C. & M. Co.	1	1	1	1	1	2	Crushed between conveyor and motor.
Feb. 14	Feb. 14	William Wemmer	60	Loader	Herrin	Franklin County Coal Corp.	5	1	1	1	1	1	1 Fall of face coal.
June 16	June 16	William I. Wilson	60	Machine man	Valer	Valier Coal Co.	1	1	1	1	1	1	1 Fall of coal.

## NON-FATAL ACCIDENTS, TENTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.		Month.	Number injured.
						Total.	Average.		Total.	Average.		
Bell & Zoller Coal & Mining Co., No. 1.	23	8	327	22	12	193	16	3	134	45	January	38
Bell & Zoller Coal & Mining Co., No. 2.	25	2	661	29	16	260	16	7	401	57	February	23
Chicago, Wilmington & Franklin Co., No. 1.	25	2	995	43	10	170	17	13	825	63	March	35
Chicago, Wilmington & Franklin Co., No. 2.	55	3	1,854	36	21	259	12	31	1,595	51	April	14
Franklin County Coal Corp., No. 5.	21	2	733	39	10	175	18	9	558	62	May	22
Franklin County Coal Corp., No. 7.	14	5	202	22	7	118	17	2	84	42	June	13
Old Ben Coal Corp., No. 8.	19	4	624	42	7	131	19	8	493	62	July	13
Old Ben Coal Corp., No. 11.	14	4	447	45	3	30	10	7	417	60	August	13
Old Ben Coal Corp., No. 14.	31	6	1,823	73	8	105	13	17	1,718	101	September	24
Old Ben Coal Corp., No. 15.	22	5	661	39	8	141	18	9	520	58	October	34
Peabody Coal Co., No. 18.	32	8	1,283	53	8	105	13	16	1,178	74	November	35
Valler Coal Co.	19	3	611	38	10	127	13	6	484	81	December	27
Shipping mines.	300	52	10,221	41	120	1,814	15	128	8,407	66		305
Local mines.	5	1	52	13	4	52	13					
Total.	305	53	10,273	45	124	1,866	15	128	8,407	66		

## FRANKLIN COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total..	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	SHIPPING MINES.						
S-1	Bell & Zoller Coal & Mining Co., No. 1 .....	Zeigler .....	933, 474	671, 307	193, 519	.....	3, 394
S-2	Bell & Zoller Coal & Mining Co., No. 2 .....	Zeigler .....	758, 459	546, 373	155, 435	.....	2, 776
S-3	Chicago, Wilmington & Franklin Coal Co., No. 1 .....	Orient .....	669, 039	484, 205	146, 140	.....	2, 106
S-4	Chicago, Wilmington & Franklin Coal Co., New Orient .....	West Frankfort .....	1, 237, 860	883, 493	263, 878	.....	28, 649
S-6	Franklin County Coal Corp., No. 5 .....	Herrin .....	462, 976	416, 927	.....	.....	7, 050
S-7	Franklin County Coal Corp., No. 7 .....	Royalton .....	451, 703	399, 788	.....	.....	3, 056
S-8	Old Ben Coal Corp., No. 8 .....	West Frankfort .....	541, 710	386, 751	113, 982	.....	10, 790
S-9	Old Ben Coal Corp., No. 11 .....	Coello .....	372, 606	279, 718	34, 091	.....	2, 829
S-10	Old Ben Coal Corp., No. 14 .....	Buckner .....	513, 562	317, 384	165, 008	.....	13, 535
S-11	Old Ben Coal Corp., No. 15 .....	West Frankfort .....	467, 271	363, 300	83, 052	.....	1, 229
S-12	Peabody Coal Co., No. 18 .....	West Frankfort .....	421, 545	330, 561	75, 071	.....	10, 654
S-14	Valier Coal Co., No. 1 .....	Valier .....	1, 043, 794	.....	1, 029, 639	.....	2, 495
	12 shipping mines total .....	.....	7, 873, 999	5, 079, 807	2, 259, 815	.....	88, 563

## JEFFERSON COUNTY.

LOCAL MINES.							
L-1	Walter Cole	Opdyke	114				89
L-3	Edd Hamson	Belle Rive	139				130
L-4	J. M. Shelton	Opdyke	74				59
L-5	Herman Bube	Opdyke	27				20
S-2	Consolidated Coal Co., Buckhorn	Nason	1, 181				111
	5 local mines total		1, 535				409
	17 all mines total		7, 885, 534	5, 079, 807	2, 259, 815		88, 972

One mine in litigation and figures not available. Reported total of 41,097 tons for monthly production reports for January and February. These figures not included in any totals.



## TENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
33,556	31,698	623	131	-----	-----	500	11,765	24	50	933,474	-----	-----	-----	S-1
27,455	26,420	747	135	-----	-----	350	8,500	17	44	758,459	-----	-----	-----	S-2
18,991	17,597	526	133	-----	-----	-----	79,400	15	30	669,039	-----	-----	-----	S-3
3,301	58,539	950	133	-----	-----	-----	151,000	29	53	1,237,860	-----	-----	-----	S-4
10,682	28,317	534	145	-----	-----	-----	40,075	19	7	462,976	-----	-----	44	S-6
10,264	38,595	507	110	-----	-----	-----	70,300	13	26	451,703	-----	-----	-----	S-7
731	29,456	451	134	-----	-----	-----	9,100	8	33	541,710	-----	-----	-----	S-8
1,811	54,157	313	111	-----	-----	-----	125	6	26	372,606	-----	-----	-----	S-9
2,712	14,923	429	131	-----	-----	-----	1,125	8	29	513,562	-----	-----	-----	S-10
5,247	14,443	454	122	-----	-----	-----	10,250	9	31	467,271	-----	-----	-----	S-11
5,259	-----	494	108	-----	-----	-----	100,600	23	25	421,545	-----	-----	-----	S-12
1,449	10,211	583	138	-----	-----	-----	222,300	25	44	1,043,794	-----	-----	-----	S-14
121,458	324,356	6,611	128	-----	-----	850	704,540	196	398	7,873,999	-----	-----	44	

## TENTH DISTRICT.

25	-----	2	39	-----	-----	-----	-----	-----	-----	-----	-----	114	-----	L-1
9	-----	2	85	-----	-----	-----	-----	-----	-----	-----	-----	139	-----	L-3
15	-----	3	22	-----	-----	-----	-----	-----	-----	-----	-----	74	-----	L-4
7	-----	2	30	-----	-----	-----	-----	-----	-----	-----	-----	27	-----	L-5
1,070	-----	78	28	-----	-----	-----	4,000	-----	2	-----	1,181	-----	-----	S-2
1,126	-----	87	41	-----	-----	-----	4,000	-----	2	-----	1,181	354	-----	
122,584	324,356	6,698	102	-----	-----	850	708,540	196	400	7,873,999	1,181	354	44	

## TENTH DISTRICT, SHIPPING MINES

County	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Franklin.....	12	7, 873, 999	5, 079, 807	2, 259, 815	-----	88, 563	121, 458	324, 356

## LOCAL

Jefferson.....	5	1, 535	-----	-----	-----	409	1, 125	-----
----------------	---	--------	-------	-------	-------	-----	--------	-------

## ALL

Franklin.....	12	7, 873, 999	5, 079, 807	2, 259, 815	-----	88, 563	121, 458	324, 356
Jefferson.....	5	1, 535	-----	-----	-----	409	1, 125	-----
Total.....	17	7, 875, 534	5, 079, 807	2, 259, 815	-----	88, 972	122, 584	324, 356

## RECAPITULATION BY COUNTIES.

Total em- ploys.	Days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.			Machine.	Hand.	Stripping.	
6,611	128	-----	-----	850	704,540	196	398	7,873,999	-----	-----	44

## MINES.

87	41	-----	-----	-----	4,000	-----	2	-----	1,181	354	-----
----	----	-------	-------	-------	-------	-------	---	-------	-------	-----	-------

## MINES.

6,611	128	-----	-----	850	704,540	196	398	7,873,999	-----	-----	44
87	41	-----	-----	-----	4,000	-----	2	-----	1,181	354	-----
6,698	102	-----	-----	850	708,540	196	400	7,873,999	1,181	354	44

## ELEVENTH DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Eleventh Inspection District comprising the coal producing counties of Gallatin, Pope, Saline, Wabash and White for the year ending December 31, 1938.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
MICHAEL TAGGART, *Inspector.*

### ELEVENTH DISTRICT.

	1938	1937	1936	1935	1934
Number of counties producing coal.....	5	5	5	5	5
Number of shipping mines.....	12	12	13	10	9
Number of local mines.....	57	43	60	60	62
Number of employees underground.....	3, 139	3, 416	3, 519	3, 672	3, 516
Number of employees on surface.....	783	867	767	578	586
Total number employed.....	3, 922	4, 283	4, 286	4, 250	4, 102
Tons of coal produced in shipping mines.....	3, 114, 877	3, 493, 987	3, 693, 556	3, 198, 829	2, 731, 829
Tons of coal produced in local mines.....	108, 398	80, 896	101, 780	99, 019	81, 614
Tons of coal produced, total.....	3, 223, 275	3, 574, 883	3, 795, 336	3, 297, 848	2, 813, 307
Days operated, shipping mines, average.....	136	151	150	153	144
Days operated, local mines, average.....	99	103	91	79	86
Number of undercutting machines.....	183	187	246	217	168
Tons undercut.....	2, 461, 578	2, 748, 326	3, 305, 734	2, 985, 314	2, 497, 775
Tons mined by hand.....	36, 907	27, 132	33, 235	42, 837	45, 983
Tons mined in strip mines.....	724, 790	799, 425	456, 367	269, 697	269, 549
Number of loading machines used.....	60	59	62	33	31
Tons loaded mechanically.....	1, 604, 491	1, 325, 045	915, 412	367, 750	323, 141
Number of fatal accidents.....	10	8	9	10	5
Number of non-fatal accidents.....	273	307	347	414	326
Number of employees to each fatality.....	392	535	476	425	820
Number employed to each non-fatal accident.....	14. 3	13. 9	12. 4	10. 2	12. 6
Tons of coal mined to each fatality.....	323, 328	446, 860	421, 704	329, 785	562, 661
Tons mined to each non-fatal accident.....	11, 807	11, 644	10, 938	7, 966	8, 630
Number of fatalities per 1,000 employed.....	2. 6	1. 8	2. 1	2. 4	1. 2
Number injured per 1,000 employed.....	70. 0	71. 7	80. 9	97. 4	79. 5

### NEW MINE.

Bankston Creek Collieries No. 5, Saline County.

### IDLE MINES.

Illinois Saline Coal Company, Equality, Gallatin County.

Peabody Coal Company No. 42, Harrisburg, Saline County.

Peabody Coal Company No. 44, Harrisburg, Saline County.  
 Peabody Coal Company No. 46, Harrisburg, Saline County.  
 Sahara Coal Company No. 8, Harrisburg, Saline County.

## FATAL ACCIDENTS.

January 22, John Smith, loader, aged 64 years, married, killed by fall of rock in mine No. 47 of the Peabody Coal Co., leaving widow.

January 22, Carl Smith, loader, aged 31 years, single, killed by fall of rock in mine No. 47 of the Peabody Coal Co. No dependents.

January 27, Jesse Bostain, triprider, aged 34 years, married, crushed by motor in mine No. 47 of the Peabody Coal Co., leaving widow and one child.

February 22, Ralph McCoy, railroad car blocker, aged 44 years, married, crushed by railroad car in yards of mine No. 10 of the Sahara Coal Co., leaving widow and six children.

April 4, Fred Abney, triprider, aged 30 years, married, crushed between cars at mine No. 43 of the Peabody Coal Co., leaving widow and one child.

May 4, Vern Walker, assistant foreman, aged 28 years, killed by fall of rock in mine No. 47 of the Peabody Coal Co., leaving widow and two children.

October 6, John Gibbs, rock driller and shooter, aged 61 years, married, killed by accidental explosion of two shots in mine No. 47 of the Peabody Coal Co., leaving widow and one child.

November 4, Arthur Boyd, driller and shooter, aged 35 years, married, killed by fall of rock in mine No. 6 of the Blue Bird Coal Co., leaving widow and two children.

November 25, Kilmer Tosh, loader, aged 28 years, married, killed by fall of rock in mine No. 1 of the Logan Highway Coal Co., leaving widow.

November 25, Jerry Junior Barnard, loader, aged 23 years, single, killed by fall of rock in mine No. 1 of the Logan Highway Coal Co. No dependents.

## FATAL ACCIDENTS, ELEVENTH DISTRICT, 1938.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Apr. 4	Apr. 4	Fred Abney	30	Triprider.	Raleigh	Peabody Coal Co.	43	1	1	1	1	2	Crushed between cars.
Nov. 25	Nov. 25	Jerry Junior Barnard	23	Loader.	Eldorado	Logan Highway Coal Co.	1	1	1	1	1	1	Fall of rock.
Jan. 27	Jan. 27	Jesse Bostain	34	Triprider.	Herrin	Peabody Coal Co.	47	1	1	1	1	2	Crushed by motor.
Nov. 4	Nov. 4	Arthur Boyd	35	Driller and shooter.	Harrisburg	Blue Bird Coal Co.	6	1	1	1	2	3	Fall of rock.
Sept. 29	Oct. 6	John Gibbs	61	Driller and shooter.	Harrisburg	Peabody Coal Co.	47	1	1	1	1	2	Premature explosion.
Feb. 22	Feb. 22	Ralph McCoy	44	R. R. car blocker.	Eldorado	Sabara Coal Co.	10	1	1	1	6	7	Crushed by R. R. car.
Jan. 22	Jan. 22	Carl Smith	31	Loader.	Harrisburg	Peabody Coal Co.	47	1	1	1	1	1	Fall of rock.
Jan. 22	Jan. 22	John Smith	64	Loader.	Harrisburg	Peabody Coal Co.	47	1	1	1	1	1	Fall of rock.
Nov. 25	Nov. 25	Kilmer Tosh	28	Loader.	Eldorado	Logan Highway Coal Co.	1	1	1	1	1	1	Fall of rock.
May 4	May 4	Vern Walker	28	Assistant foreman.	Harco	Peabody Coal Co.	47	1	1	1	2	3	Fall of rock.

## NON-FATAL ACCIDENTS, ELEVENTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month in which accident occurred.	
			Total	Average.	Number injured.	Days lost.		Number injured.	Days lost.		Month.	Number injured.
						Total.	Average.		Total.	Average.		
Bankston Creek Collieries Co., No. 5.	9	2	230	33	6	92	15	1	138	138	January	28
Bankston Creek Collieries Co., No. 6.	11	1	329	33	6	70	12	4	289	65	February	36
Blue Bird Coal Co., No. 6.	7	2	151	30	2	37	19	3	114	38	March	25
Peabody Coal Co., No. 43.	34	4	1,198	40	15	242	16	15	956	64	April	25
Peabody Coal Co., No. 47.	40	11	1,146	39	14	237	17	15	909	61	May	8
Rex Coal Co., No. 2.	33	4	935	33	17	245	14	12	710	59	June	14
Sahara Coal Co., No. 1.	25	1	1,084	45	10	148	15	14	936	67	July	12
Sahara Coal Co., No. 10.	56	4	1,549	30	38	536	14	14	1,013	72	August	21
Sahara Coal Co., No. 12.	5	2	116	23	4	63	16	1	53	53	September	27
Wasson Coal Co., "A".	10	2	384	48	2	29	15	6	355	59	October	24
Wasson Coal Co., No. 1.	37	8	873	30	17	237	14	12	636	53	November	21
Shipping mines	267	39	8,015	35	131	1,936	15	97	6,079	63	December	32
Local mines	6	2	47	12	4	47	12					
Total	273	41	8,062	35	135	1,983	15	97	6,079	63		273

## GALLATIN COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Logan Highway Coal Co.	Junction	23,504				23,089
L-2	Mid City Coal Co., No. 1	Junction	9,216				8,496
L-3	Cedar Hill Coal Co.	Junction	14,408				13,547
L-4	Pekin Coal Co., No. 1	Equality	5,943				3,967
L-5	Thornton Colbert	Equality	1,340				1,340
L-6*	Patton Mine No. 1	Equality	220				219
L-6*	Andrew Patton Mine No. 1	Herod	367				239
L-7	Harry Yates No. 1	Equality	50				46
L-8	Robert Payne & Son No. 1	Shawneetown	235				222
L-9	Clifford Moore	Junction	253				253
L-10	W. B. Dickson	Junction	992				892
L-14	Edgar Scott No. 1	Sparks Hill	131				126
L-15	Peek & Price	Junction	35				35
L-16	Sam Black	Junction	43				41
L-17	Shawnee Coal Co.	Sparks Hill	31				24
L-19	Frank McDonald	Equality	478				319
L-20	Walter Finnie	Equality	87				19
L-21	William Johnson	Equality	50				30
L-24	John T. Barnett No. 1	Muddy	107				95
L-25	James Patton No. 2	Junction	32				12
L-26	Horace Barnett	Equality	197				160
20 local mines total			57,719				53,171

## POPE COUNTY

LOCAL MINES.							
L-1	Samuel Sistler & Son, No. 1	Golconda	119				119

## SALINE COUNTY

SHIPPING MINES.							
S-1	Bankston Creek Colliery Co., No. 6	Carrier Mills	719,729	438,547	265,006		
S-3	Blue Bird Coal Co., No. 6	Carrier Mills	216,140	166,692	43,228		6,220
S-4	Peabody Coal Co., No. 43	Harrisburg	236,704	136,034	83,252		4,732
S-5	Peabody Coal Co., No. 47	Harco	455,320	375,077	63,064		2,588
S-6	Rex Coal Co., No. 2	Eldorado	318,350	304,680			5,545
S-7	Sahara Coal Co., No. 1	Harrisburg	206,997	181,569	7,591		652
S-9	Sahara Coal Co., No. 10	Eldorado	293,352	216,012	46,065		14,454
S-10	Sahara Coal Co., No. 12	Harrisburg	24,945	21,181	524		1,820
S-11	Wasson Coal Co., "A"	Harrisburg	63,039	60,368			174
S-12	Wasson Coal Co., No. 1	Harrisburg	429,807	392,466			2,915
S-16	Bankston Creek Colliery Co., No. 5	Carrier Mills	144,251	129,639	6,444		
11 shipping mines total			3,108,634	2,422,265	515,154		39,100
LOCAL MINES.							
L-2	Silas Moore Mine, No. 3	Equality	2,400				1,915
L-4	Pickford Strip	Harrisburg	1,585				1,285
L-5	Don Randal	Harrisburg	3,476				3,251

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## ELEVENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—Kegs.	Pellet powder—pounds.	Dynamic—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
415		33	215		2,000			1	1	23,504			6	L-1
720		13	220		1,500			1		9,216			2	L-2
361	500	13	241		3,600			1		14,408			2	L-3
626	1,350	12	131	400							5,943		2	L-4
		7	205					1		1,340			2	L-5
1		*4	15	21							220		*1	L-6
38	90	*3	70	13							367		*1	L-6
4		2	20	8							50		1	L-7
13		2	125	13							235		1	L-8
		2	70	15							253		1	L-9
	100	2	180	45							992		1	L-10
	5	2	78	10							131			L-14
		3	10	3							35			L-15
2		1	90	5							43			L-16
	7	2	30	3							31			L-17
	159	3	90	30							478		1	L-19
68		2	67	37		25					87			L-20
	20	2	20	6							50		1	L-21
	12	3	48	4	75						107			L-24
20		2	10	3							32		1	L-25
4	33	4	49	12							197		1	L-26
2,272	2,276	114	99	628	7,175	25		4	1	48,468	9,251		23	

## ELEVENTH DISTRICT.

		3	43		200						119			L-1

## ELEVENTH DISTRICT.

	16,176	160	216		573,567							719,729		S-1
		112	143				3	9	216,140					S-3
4,514	8,192	331	111		1,600	29,300	15	20	236,594	110				S-4
8,902	5,689	658	116		5,300	57,325	25	27	455,320					S-5
8,125		300	147		51,350		12	18	318,350					S-6
2,604	14,581	527	74		3,125	21,900	46	20	206,997				44	S-7
7,480	9,341	430	142			27,900	26	17	293,352				23	S-9
1,420		424	13			765	24	15	24,945				26	S-10
2,213	284	255	87		3,400		8	8	63,039					S-11
14,106	20,320	301	234		66,275		4	20	429,807					S-12
	8,168	79	308			24,500	7	2	144,251					S-16
49,364	82,751	3,577	145		124,150	580,467	170	156	2,388,795	110	719,729	93		
85	400	7	172		700		1		2,400				1	L-2
	300	4	150									1,585		L-4
125	100	4	198		500							3,476		L-5

## SALINE COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-6	Moore Mine, No. 4.....	Equality.....	1,341				1,041
L-7	C. C. McNew & Son.....	Stonefort.....	1,345				1,335
L-9	White Star Coal Mine.....	Harrisburg.....	550				475
L-11	*Buckeye Coal Co.....	Equality.....	1,000				850
L-11	*Buckeye Coal Co.....	Equality.....	1,368				968
L-12	Liberty Mine, No. 1.....	Harrisburg.....	2,690				2,563
L-13	Saline Valley Coal Co.....	Equality.....	292				219
L-14	Carrier Mills Coal Co.....	Carrier Mills.....	10,859				9,459
L-15	Gulley & Penrod.....	Harrisburg.....	1,081				1,081
L-16	*Conway Mine, No. 1.....	Harrisburg.....	248				200
L-16	*Conway Mine.....	Harrisburg.....	970				820
L-17	L. D. Robertson.....	Somerseset.....	1,271				1,171
L-18	J. R. Reynolds, No. 1.....	Equality.....	176				176
L-24	Jack Kelly.....	Harrisburg.....	314				314
L-25	Logan Reynolds.....	Equality.....	24				24
L-26	Jones & Gill.....	Equality.....	1,804				1,804
L-27	Oscar Lands, No. 1.....	Equality.....	194				154
L-28	Bond Bros.....	Equality.....	430				350
L-29	*Logan Uzzle.....	Eldorado.....	85				85
L-29	*J. F. Raulston.....	Eldorado.....	93				90
L-30	A. A. Miles.....	Harrisburg.....	1,265				1,235
L-31	*W. E. Fritts.....	Equality.....	400				320
L-31	*Miletus T. Conger.....	Equality.....	200				140
L-31	*Sherman & Wilbur Vaughn.....	Equality.....	86				83
L-32	McKown & Sheldon.....	Carrier Mills.....	4				
L-34	Jess F. Stunson.....	Equality.....	2,062				1,762
L-35	Clifford Partain.....	Derby.....	350				300
L-41	James W. Clark.....	Harrisburg.....	937				907
L-43	Blue Blaze Coal Co.....	Carrier Mills.....	40				40
L-44	Osborn, No. 2.....	Equality.....	160				160
L-47	Al Tarlton Mine, No. 1.....	Equality.....	160				120
L-50	Robert Tolbert Mine, No. 1.....	Harrisburg.....	184				162
	30 local mines total.....		39,444				34,859
	41 all mines total.....		3,148,078	2,422,265	515,154		73,959

## WABASH COUNTY

LOCAL MINES.						
L-1	W. V. Brown.....	Keensburg.....	4,086			3,986
L-3	Kyle Reel.....	Mt. Carmel.....	1,482			1,462
L-5	H. E. Elkins.....	Mt. Carmel.....	600			600
L-6	*White City Coal Co., No. 1.....	Mt. Carmel.....	197			185
L-6	*White City Coal Co.....	Mt. Carmel.....	527			447
L-7	H. W. Elkins Hill Crest.....	Mt. Carmel.....	3,251			3,249
L-9	Maud Station Mine.....	Mt. Carmel.....	493			478
	6 local mines total.....		10,636			10,407

## WHITE COUNTY

SHIPPING MINES.						
S-1	<sup>1</sup> White County Coal Co.....	Norris City.....	6,243	2,318		2,583
LOCAL MINES.						
S-1	<sup>1</sup> Deep Vein No. 6 Coal Co.....	Norris City.....	480			400
	1 mine total.....		6,723	2,318		2,983

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

<sup>1</sup> Shipping mine during January, February and March—Local mine in September—number of employees, mining machines, motors and animals underground averaged account different management same mine. Taken into account of number of mines operating as a shipping mine.

## ELEVENTH DISTRICT —Concluded

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number of animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
100	200	4	126	---	400	---	---	1	---	1,341	---	---	---	L-6
10	---	7	98	---	250	---	---	1	---	1,345	---	---	1	L-7
---	75	3	60	30	---	---	---	---	---	---	550	---	1	L-9
---	150	*2	110	80	---	---	---	---	---	---	1,000	---	*1	L-11
---	400	*4	105	---	---	---	---	---	---	---	1,368	---	*1	L-11
---	127	8	207	165	---	---	---	---	---	---	2,690	---	2	L-12
73	---	6	16	---	75	---	---	1	---	292	---	---	1	L-13
---	1,400	10	194	---	1,900	---	---	1	---	10,859	---	---	1	L-14
---	---	2	112	50	---	---	---	---	---	---	1,081	---	---	L-15
---	48	*4	34	12	---	---	---	*1	---	85	163	---	*1	L-16
---	150	*4	120	6	100	---	---	*1	---	970	---	---	*1	L-16
---	100	4	156	75	---	---	---	---	---	---	1,271	---	---	L-17
---	---	2	43	18	---	---	---	---	---	---	176	---	---	L-18
---	---	2	80	25	---	---	---	---	---	---	314	---	1	L-24
---	---	3	8	2	---	---	---	---	---	---	24	---	1	L-25
---	---	11	83	40	1,500	---	---	1	---	300	1,504	2	2	L-26
---	40	2	65	10	---	---	---	---	---	---	191	---	1	L-27
---	80	2	82	14	---	---	---	---	---	---	430	---	1	L-28
---	---	*2	18	---	200	---	---	---	---	---	85	---	*1	L-29
---	3	*5	23	7	---	---	---	---	---	---	93	---	*1	L-29
---	30	4	98	100	---	---	---	---	---	---	1,265	---	---	L-30
---	80	*3	65	---	500	---	---	---	---	---	400	---	*1	L-31
---	60	*2	28	20	---	---	---	---	---	---	200	---	*1	L-31
3	---	*2	21	10	---	---	---	---	---	---	86	---	*1	L-31
4	---	2	3	1	---	---	---	---	---	---	4	---	---	L-32
---	300	6	107	---	3,500	---	---	---	---	---	2,062	---	---	L-34
---	---	3	72	---	400	---	---	---	---	---	350	---	1	L-35
---	30	3	106	---	907	---	---	---	---	---	937	---	1	L-41
---	---	4	8	---	50	---	---	---	---	---	40	---	---	L-43
---	---	3	60	6	---	---	---	---	---	---	160	---	1	L-44
---	40	2	40	7	---	---	---	---	---	---	160	---	1	L-47
22	---	3	60	12	---	---	---	---	---	---	184	---	---	L-50
472	4,113	124	98	690	10,982	---	---	7	---	17,592	16,791	5,061	23	---
49,836	86,864	3,701	110	690	135,132	580,467	162,490	177	156	2,406,387	16,901	724,790	116	---

## ELEVENTH DISTRICT.

100	---	11	127	---	2,500	---	---	---	---	---	4,086	---	---	L-1
20	---	7	163	---	2,800	---	---	---	---	---	1,482	---	---	L-3
---	---	4	30	10	---	---	---	---	---	---	600	---	---	L-5
12	---	*4	21	---	500	---	---	---	---	---	197	---	*	L-6
40	40	*3	54	---	875	---	---	---	---	---	527	---	*	L-6
2	---	8	100	---	6,000	---	---	---	---	---	3,251	---	---	L-7
---	15	3	199	---	3,550	---	---	---	---	---	493	---	---	L-9
174	55	37	116	10	16,225	---	---	---	---	---	10,636	---	---	---

  

873	469	*67	36	---	1,150	---	---	*2	*1	6,243	---	---	*5	S-1
80	---	*51	4	---	---	---	---	*2	*1	480	---	---	*3	S-1
953	469	59	20	---	1,150	---	---	2	1	6,723	---	---	4	---

## ELEVENTH DISTRICT, SHIPPING MINES

County	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Saline .....	11	3, 108, 634	2, 422, 265	515, 154	-----	39, 100	49, 364	82, 751
White .....	*1	6, 243	2, 318	-----	-----	2, 583	873	469
Total .....	12	3, 114, 877	2, 424, 583	515, 154	-----	41, 683	50, 237	83, 220

## LOCAL

Gallatin .....	20	57, 719	-----	-----	-----	53, 171	2, 272	2, 276
Pope .....	1	119	-----	-----	-----	119	-----	-----
Saline .....	30	39, 444	-----	-----	-----	34, 859	472	4, 113
Wabash .....	6	10, 636	-----	-----	-----	10, 407	174	55
White .....	*1	480	-----	-----	-----	400	80	-----
Total .....	57	108, 398	-----	-----	-----	98, 956	2, 998	6, 444

## ALL

Gallatin .....	20	57, 719	-----	-----	-----	53, 171	2, 272	2, 276
Pope .....	1	119	-----	-----	-----	119	-----	-----
Saline .....	41	3, 148, 078	2, 422, 265	515, 154	-----	73, 959	49, 836	86, 864
Wabash .....	6	10, 636	-----	-----	-----	10, 407	174	55
White .....	*1	6, 723	2, 318	-----	-----	2, 983	953	469
Total .....	69	3, 223, 275	2, 424, 583	515, 154	-----	140, 639	53, 235	89, 664

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine	Hand.	Stripping.	
3,577 67	145 36	-----	124,150 1,150	580,467	162,490	170 * 2	156 * 1	2,388,795 6,243	110	719,729	93 * 5
3,644	136	-----	125,300	580,467	162,490	172	157	2,395,038	110	719,729	98

## MINES.

114 3	99 43	628	7,175 200	25	-----	4	1	48,468	9,251 119	-----	23	
124 37	98 116	690	10,982 16,225	-----	-----	7	-----	17,592	16,791 10,636	5,061	23	
51 *	4	-----	-----	-----	-----	* 2	* 1	480	-----	-----	* 3	
278	99	1,328	34,582	25	-----	11	1	66,540	33,797	5,061	49	

## MINES.

114 3	99 43	628	7,175 200	25	-----	4	1	48,468	9,251 119	-----	23	
3,701 37	110 116	690	135,132 16,225	580,467	162,490	177	156	2,406,387	16,901 10,636	724,790	116	
*67	40	-----	1,150	-----	-----	* 2	* 1	6,723	-----	-----	* 4	
3,922	107	1,328	159,882	580,492	162,490	183	158	2,461,578	36,907	724,790	143	

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## TWELFTH DISTRICT

Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.

SIR: I have the honor of submitting to you the report of this, the Twelfth Inspection District comprising the coal producing counties of Johnson and Williamson for the year ending December 31, 1938.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
FRED SCHOONOVER, *Inspector.*

## TWELFTH DISTRICT.

	1938	1937	1936	1935	1934
Number of counties producing coal.....	2	2	2	2	2
Number of shipping mines.....	13	15	19	20	18
Number of local mines.....	78	80	93	96	85
Number of employees underground.....	1,398	1,690	1,721	2,154	2,127
Number of employees on surface.....	869	619	622	726	583
Total number employed.....	2,267	2,309	2,343	2,880	2,710
Tons of coal produced in shipping mines.....	1,787,100	2,382,214	2,641,243	2,760,767	1,899,152
Tons of coal produced in local mines.....	372,254	436,910	351,995	235,037	191,667
Tons of coal produced, total.....	2,159,354	2,819,124	2,993,238	2,995,804	2,090,819
Days operated, shipping mines, average.....	105	134	138	145	143
Days operated, local mines, average.....	129	133	129	109	137
Number of undercutting machines.....	55	55	64	63	60
Tons undercut.....	1,475,637	1,933,027	1,983,343	2,213,113	1,676,385
Tons mined by hand.....	152,117	279,856	287,310	241,435	281,944
Tons mined in strip mines.....	531,600	606,241	722,585	541,256	132,490
Number of loading machines used.....	75	72	80	178	169
Tons loaded mechanically.....	1,149,267	1,452,474	1,358,978	1,574,572	1,235,986
Number of fatal accidents.....	5	9	5	9	7
Number of non-fatal accidents.....	63	95	145	176	147
Number of employees to each fatality.....	454	256	469	320	387
Number employed to each non-fatal accident.....	36.0	24.2	16.2	16.4	18.4
Tons of coal mined to each fatality.....	431,871	324,347	598,648	332,867	298,688
Tons mined to each non-fatal accident.....	34,275	30,728	20,643	17,022	14,223
Number of fatalities per 1,000 employed.....	2.2	3.9	2.1	3.1	2.6
Number injured per 1,000 employed.....	27.8	41.3	62.0	61.1	54.2

## NEW MINES.

Diamond Coal Company No. 3, Williamson County.  
Consolidated Coal Company, "Buckhorn Mine", Williamson County.

## ABANDONED MINE.

Diamond Coal Company No. 1, Williamson County.

## SUSPENDED OPERATION.

Carterville Mining & Engineering Company, Williamson County.  
 Jeffries Coal Company No. 3, Williamson County.

## IDLE MINES.

Old Ben Coal Corporation No. 18, Johnston City, Williamson County.

Carterville Coal Mining Company, Carterville, Williamson County.

Carterville Peacock Coal Company No. 2, Harrisburg, Williamson County.

Consolidated Coal Company, L. C., Johnston City, Williamson County.

Consolidated Coal Company No. 8, Clifford, Williamson County.

Cosgrove Meehan Coal Company No. 2, Pittsburg, Williamson County.

Cosgrove Meehan Coal Company No. 3, Pittsburg, Williamson County.

Jacobs Coal Company, Marion, Williamson County.

Madison Coal Corporation No. 12, Carterville, Williamson County.

Old Ben Coal Corporation No. 20, Herrin, Williamson County.

Peabody Coal Company No. 25, Carterville, Williamson County.

Pendley & Wilkinson Coal Company, Marion, Williamson County.

Skaggs Coal Company, Herrin, Williamson County.

Sunrise Coal Company, Cambria, Williamson County.

## FATAL ACCIDENTS.

April 28, Henry Blake, fireman, aged 47 years, married, killed by boiler room conveyor at New Monarch mine of the Consolidated Coal Co., leaving widow.

June 7, Perry Hamilton, triprider, aged 44 years, married, crushed between car and rib in Freeman Spur mine of Seymour Coal & Mining Co., leaving widow and two children.

July 19, Joseph LaBotte, miner and driver, aged 33 years, married, killed when car ran back down slope in Clean Coal mine of J. G. Thomas Coal Co., leaving wife and two children.

August 22, Estes McNail, mine manager, aged 27 years, married, drowned at bottom of slope in Green Valley mine, leaving widow and three children.

October 12, Frank Ludas, top coal loader, aged 54 years, married, killed by fall of rock in Freeman Spur mine of Seymour Coal & Mining Co., leaving widow.

FATAL ACCIDENTS, TWELFTH DISTRICT, 1938.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Apr. 28	Apr. 28	Henry Blake	47	Fireman.	Herrin	Consolidated Coal Co.	New Mon-arch.	1	1			1	Killed by boiler room conveyor.
June 7	June 7	Perry Hamilton	44	Tripriider	Herrin	Seymour Coal Mining Co.	Freeman Spur	1	1		2	3	Crushed between car and rib.
July 19	July 19	Joseph LaBette	33	Miner and driver	Marion	J. G. Thomas Coal Co.	Freeman Spur	1	1		2	3	Runaway car.
Oct. 12	Oct. 12	Frank Ludas	54	Top coal loader	Johnston City	Seymour Coal Mining Co.		1	1		1	1	Fall of rock.
Aug. 22	Aug. 22	Estes McNail	27	Mine Manager.	Marion	Green Valley Mine		1	1		3	4	Drowned at bottom of slope.





## JOHNSON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-4	Henderson & Carlton.....	Vienna.....	30	-----	-----	-----	30

## WILLIAMSON COUNTY

SHIPPING MINES						
S-1	Marvel Coal Co.....	Pittsburg.....	22, 270	14, 483	5, 915	286
S-3	Consolidated Coal Co., New Monarch.....	Herrin.....	379, 533	264, 130	68, 270	17, 195
S-4	Delta Coal Mining Co.....	Marion.....	338, 484	263, 244	75, 240	-----
S-6	Diamond Coal Co., No. 2.....	Herrin.....	6, 550	6, 550	-----	-----
S-7	*Forsyth-Carterville Coal Co.....	Carterville.....	88, 122	66, 293	21, 829	291
S-8	Franco Mining Co.....	Johnston City.....	82, 949	55, 927	18, 232	1, 710
S-9	Freeman Coal Mining Co.....	Herrin.....	37, 551	31, 533	4, 319	2, 315
S-13	McLaren Coal Co., No. 1.....	Carterville.....	75, 066	68, 933	-----	1, 112
S-15	New Watson Coal Co.....	Herrin.....	2, 553	238	-----	2, 315
S-17	Seymour Coal Mining Co.....	Herrin.....	456, 166	324, 530	130, 447	1, 189
S-19	Wallace Coal Co.....	Marion.....	184, 327	91, 123	90, 683	91
S-20	Consolidated Coal Co., Buckhorn.....	Herrin.....	111, 369	28, 934	77, 898	930
S-21	Diamond Coal Co., No. 3.....	Herrin.....	2, 160	2, 160	-----	-----
13 shipping mines total.....			1, 787, 100	1, 218, 078	492, 833	25, 119
LOCAL MINES.						
L-1	Peerless Coal Co.....	Cambria.....	28, 579	-----	-----	27, 579
L-2	Blue Ribbon Coal Co.....	Marion.....	53, 870	-----	-----	50, 735
L-3	Moren Coal Co.....	Marion.....	13, 355	-----	-----	12, 299
L-4	*Rock Creek Coal Co.....	Marion.....	2, 238	-----	-----	2, 238
L-4	*Rock Creek Coal Co.....	Marion.....	134	-----	-----	134
L-5	Spillerton Mining Co.....	Marion.....	5, 670	-----	-----	5, 072
L-6	Rogers & Stover Coal Co.....	Marion.....	4, 866	-----	-----	4, 866
L-7	Willow Springs Coal Co.....	Marion.....	9, 454	-----	-----	9, 454
L-8	Vallie Corder.....	Marion.....	8, 937	-----	-----	8, 612
L-9	Ogmore Coal Co.....	Cambria.....	6, 017	-----	-----	5, 261
L-10	Springhart Coal Co., No. 2.....	Marion.....	5, 876	-----	-----	5, 876
L-11	Putney Bros. Coal Co.....	Marion.....	546	-----	-----	546
L-12	Johns Coal Co.....	Cambria.....	784	-----	-----	784
L-13	Ray Hendrickson.....	Marion.....	1, 500	-----	-----	1, 300
L-14	Askew-White Coal Co.....	Marion.....	2, 864	-----	-----	2, 864
L-15	Will Sizemore.....	Carterville.....	1, 647	-----	-----	1, 647
L-16	Thomas Coal Co.....	Marion.....	6, 286	-----	-----	6, 286
L-17	Dogwood Coal Co.....	Herrin.....	2, 232	-----	-----	2, 200
L-18	Walnut Valley Coal Co.....	Marion.....	3, 881	-----	-----	3, 881
L-19	Consumers Coal & Materials Co No. 1.....	Marion.....	532	-----	-----	532
L-20	Cedar Hill Coal Co.....	Marion.....	3, 583	-----	-----	3, 583
L-21	B. & L. Coal Co.....	Johnston City.....	2, 460	-----	-----	2, 460
L-22	Brown & Roberts.....	Marion.....	1, 666	-----	-----	1, 116
L-23	Equator Coal Co.....	Herrin.....	2, 611	-----	-----	2, 611
L-24	Sims Coal Co.....	Marion.....	11, 500	-----	-----	11, 200
L-26	Sunnybrook Coal Co.....	Marion.....	7, 756	-----	-----	7, 756
L-28	Quality Coal Co.....	Marion.....	2, 450	-----	-----	2, 000
L-29	Newton Brayfield.....	Carbondale.....	4, 490	-----	-----	3, 932
L-32	Moore & Sons.....	Marion.....	18, 129	-----	-----	18, 129
L-33	New Black Diamond Coal Co., No. 4.....	Marion.....	36, 709	-----	-----	36, 589
L-34	Union Mining Co.....	Marion.....	4, 399	-----	-----	4, 099
L-36	Blue Blaze Coal Co.....	Herrin.....	195	-----	-----	195
L-38	Bart McNeill.....	Herrin.....	638	-----	-----	638

## TWELFTH DISTRICT.

Disposition of output—tons.	Tons consumed at the mine.	All coal not sold including waste.	Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
					Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	-----	3	10	3	-----	-----	-----	-----	-----	-----	30	-----	-----	L-4

## TWELFTH DISTRICT

1,586	-----	96	45	-----	-----	-----	-----	4,000	3	1	22,270	-----	-----	3	S-1
24,853	5,085	340	119	-----	-----	-----	-----	69,550	14	22	379,533	-----	-----	-----	S-3
-----	-----	91	146	-----	-----	15,450	-----	-----	-----	-----	-----	-----	338,484	-----	S-4
-----	-----	10	79	-----	200	-----	-----	-----	-----	-----	-----	-----	6,550	-----	S-6
-----	-----	27	126	-----	-----	10,000	-----	-----	-----	-----	-----	-----	88,122	-----	S-7
5,940	1,140	331	57	-----	-----	-----	-----	15,450	10	13	82,949	-----	-----	-----	S-8
40	1,368	258	19	-----	-----	-----	-----	6,400	4	5	37,551	-----	-----	4	S-9
1,599	3,422	51	76	-----	-----	-----	600	10,000	-----	-----	-----	-----	75,066	-----	S-13
-----	-----	8	75	-----	200	-----	-----	-----	-----	-----	-----	2,553	-----	1	S-15
-----	-----	306	162	-----	-----	4,975	-----	96,200	4	8	456,166	-----	-----	3	S-17
-----	2,430	62	234	-----	-----	78,100	-----	-----	2	2	184,327	-----	-----	9	S-19
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	3,607	65	195	-----	-----	-----	-----	75,600	2	1	111,369	-----	-----	-----	S-20
-----	-----	10	37	-----	150	-----	-----	-----	-----	-----	-----	2,160	-----	-----	S-21
34,018	17,052	1,655	105	550	108,525	600	277,200	39	52	1,274,165	4,713	508,222	20	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
150	850	27	256	600	-----	-----	-----	-----	1	-----	25,500	3,079	-----	2	L-1
-----	3,135	47	209	-----	10,350	-----	-----	-----	2	1	53,870	-----	-----	7	L-2
556	500	36	116	-----	4,200	-----	-----	-----	1	-----	13,355	-----	-----	3	L-3
-----	-----	*7	111	-----	4,450	-----	-----	-----	-----	-----	-----	2,238	-----	*4	L-4
-----	-----	*5	18	-----	100	-----	-----	-----	-----	-----	-----	134	-----	*2	L-4
280	318	18	114	-----	900	-----	-----	-----	1	-----	5,670	-----	-----	4	L-5
-----	-----	8	201	250	-----	-----	-----	-----	-----	-----	-----	4,866	-----	3	L-6
-----	-----	11	160	480	-----	-----	-----	-----	1	-----	1,932	7,522	-----	3	L-7
325	-----	13	210	300	-----	-----	-----	-----	-----	-----	-----	8,937	-----	4	L-8
-----	756	9	152	333	-----	-----	-----	-----	-----	-----	-----	6,017	-----	2	L-9
-----	-----	6	167	201	-----	-----	-----	-----	-----	-----	-----	5,876	-----	3	L-10
-----	-----	3	40	-----	65	-----	-----	-----	-----	-----	-----	-----	546	-----	L-11
-----	-----	4	37	35	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	L-12
25	175	6	150	250	-----	-----	-----	-----	-----	-----	-----	1,500	-----	-----	L-13
-----	-----	5	148	-----	6,550	-----	-----	-----	-----	-----	-----	2,864	-----	1	L-14
-----	-----	4	117	50	-----	-----	-----	-----	-----	-----	-----	1,647	-----	1	L-15
-----	-----	12	164	358	1,000	-----	-----	-----	-----	-----	-----	6,286	-----	3	L-16
32	-----	12	108	160	-----	-----	-----	-----	-----	-----	-----	2,232	-----	1	L-17
-----	-----	8	135	337	-----	-----	-----	-----	-----	-----	-----	3,881	-----	1	L-18
-----	-----	2	42	-----	500	-----	-----	-----	-----	-----	-----	-----	532	-----	L-19
-----	-----	6	92	300	-----	-----	-----	-----	-----	-----	-----	3,583	-----	1	L-20
200	-----	8	185	-----	1,500	-----	-----	-----	-----	-----	-----	2,660	-----	1	L-21
-----	550	4	100	-----	2,000	-----	-----	-----	-----	-----	-----	1,666	-----	2	L-22
-----	-----	5	120	-----	1,300	-----	-----	-----	-----	-----	-----	2,611	-----	2	L-23
300	-----	10	160	153	-----	-----	-----	-----	1	-----	11,500	-----	-----	2	L-24
-----	-----	10	195	-----	2,000	-----	-----	-----	1	-----	7,756	-----	-----	2	L-26
450	-----	7	110	-----	2,100	-----	-----	-----	-----	-----	-----	2,450	-----	2	L-28
15	543	10	180	259	-----	-----	-----	-----	-----	-----	-----	4,490	-----	2	L-29
-----	-----	12	233	-----	4,100	-----	-----	-----	1	-----	18,129	-----	-----	1	L-32
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	100	45	200	-----	7,742	-----	-----	-----	3	-----	36,709	-----	-----	10	L-33
-----	300	7	150	-----	5,250	-----	-----	-----	-----	-----	-----	4,399	-----	1	L-34
-----	-----	3	18	10	-----	-----	-----	-----	-----	-----	-----	195	-----	1	L-36
-----	-----	5	90	60	-----	-----	-----	-----	-----	-----	-----	658	-----	1	L-38

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-40	Chas. J. Bruce.....	Marion.....	540				440
L-41	Helm Coal Co., No. 3.....	Stonefort.....	4, 105				3, 520
L-42	Jesse Ozment.....	Marion.....	4, 850				4, 840
L-44	A. O. Strobel.....	Marion.....	2, 295				2, 295
L-45	Motsinger & Harris.....	Pittsburg.....	1, 500				1, 500
L-46	Black Diamond Coal Co.....	Marion.....	4, 700				4, 000
L-47	Howerton Coal Co.....	Marion.....	1, 707				1, 547
L-48	*Lauder & Hausman.....	Marion.....	250				150
L-48	*Black Crystal Coal Co.....	Marion.....	1, 705				1, 405
L-51	New Muddy Valley Coal Co.....	Carbondale.....	803				657
L-52	Carter Coal Co.....	Cartersville.....	1, 835				1, 585
L-53	Hickey Mine.....	Marion.....	2, 219				1, 999
L-54	Purity Coal Co.....	Cartersville.....	1, 200				1, 000
L-55	Consumers Coal & Materials Co No. 2.....	Marion.....	1, 619				1, 444
L-56	Towery Bros.....	Marion.....	148				143
L-57	A. Singley & Son.....	Cambria.....	146				133
L-58	Mitchell Coal Co., No. 1.....	Marion.....	10, 490				10, 490
L-61	Lewis West.....	Marion.....	135				101
L-62	Young Bros.....	Cartersville.....	183				183
L-63	Rushing Coal Co.....	Cartersville.....	1, 455				1, 455
L-65	*Wilson Coal Co.....	Marion.....	400				400
L-65	*Herrin Coal Co.....	Johnston City.....	2, 000				1, 800
L-66	*Sims & Harris Coal Co.....	Marion.....	3, 000				3, 000
L-66	*Steel Tipple Coal Co.....	Marion.....	13, 799				13, 679
L-72	Cambria Coal Co.....	Cambria.....	4, 147				3, 907
L-73	White Heat Coal Co.....	Johnston City.....	320				250
L-77	Stroud Coal Co.....	Marion.....	225				211
L-80	Gabriel Coal Co., No. 1.....	Marion.....	252				252
L-83	McDannel & Matthews.....	Marion.....	1, 450				1, 450
L-88	W. H. B. Coal Co.....	Marion.....	1, 928				1, 646
L-91	Roy Atwood.....	Marion.....	1, 641				1, 641
L-101	Turner Coal Co.....	Marion.....	8, 545				8, 545
L-102	Pea Ridge Coal Co.....	Cartersville.....	400				400
L-103	Guy Pulley Coal Co., No. 2.....	Marion.....	1, 694				1, 694
L-109	Black Banner Mine.....	Marion.....	4, 691				4, 691
L-126	Southern Jewel Coal Co.....	Marion.....	1, 067				1, 067
L-128	Egypt Coal Co.....	Marion.....	15, 843				14, 843
L-129	*Crab Orchard Coal Co.....	Cartersville.....	1, 266				1, 041
L-129	*Crab Orchard Coal Co.....	Marion.....	3, 142				2, 492
L-130	Kenneth McDonald.....	Marion.....	243				243
L-134	Phillips-Vaughn-Snyder.....	De Soto.....	425				390
L-135	Elwin Beltz, No. 2.....	Cartersville.....	498				492
L-137	Hill Coal Co., No. 2.....	Stonefort.....	1, 210				1, 200
L-139	Diamond Star Coal Co.....	Pittsburg.....	600				550
L-140	Phillips & Yearock.....	Marion.....	25				25
L-141	Green Valley Coal Co.....	Marion.....	1, 137				1, 137
L-142	New Superior Coal Co.....	Marion.....	1, 536				1, 536
L-144	Coy Rodgers Coal Co.....	Stonefort.....	270				248
L-146	Blue Bell Coal Co.....	Marion.....	2, 531				2, 341
77 local mines total.....			372, 224				356, 532
90 all mines total.....			2, 159, 324	1, 218, 078	492, 833		381, 651

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## TWELFTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of Active Operation	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number of animals underground.	Mine index number.	
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.						
100		4	105	50							540		1	L-40	
	585	4	188		6,825						4,105		1	L-41	
10		11	147	117							4,850		1	L-42	
		4	150		3,750						2,295		1	L-44	
		4	150	68							1,500		1	L-45	
160	700	6	200		7,500						4,700		1	L-46	
		10	75	10				1		1,707			1	L-47	
	100	*5	30	10							250		*1	L-48	
146		*6	203	85							1,705		*1	L-48	
		6	56								803		1	L-51	
	250	4	120	75							1,835		1	L-52	
20	200	8	127		2,000						2,219		1	L-53	
200		4	120	144							1,200		1	L-54	
	175	4	162	64	200						1,619		1	L-55	
5		3	17		150						148		1	L-56	
13		4	29	17							146		1	L-57	
		12	277	800							10,490		2	L-58	
34		5	32		175						135		1	L-61	
		2	25	4								183			L-62
		5	145	100							1,455		1	L-63	
		*7	40	20							400		*2	L-65	
200		*10	200		500						2,000		*3	L-65	
		*10	60	42				*1		3,000			*2	L-66	
120		*11	205		3,950			*2		13,799			*2	L-66	
240		10	225	205							4,147		1	L-72	
20	50	4	200		200						320		1	L-73	
14		2	55	5								225			L-77
		2	51		500						252		1	L-80	
		3	160		1,400						1,450		1	L-83	
282		9	94		1,900						1,928		1	L-88	
		3	100	9								1,641			L-91
		9	240		2,400			1		8,545			2	L-101	
		3	80	40							400		1	L-102	
		4	100		2,000						1,694		1	L-103	
		5	186	300							4,691		2	L-109	
		6	80	50							1,067		1	L-126	
	1,000	7	168		250							15,843			L-128
125	100	*5	67		250							1,266	*		L-129
350	300	*4	144		300							3,142	*		L-129
		3	50	20							243		1	L-130	
15	20	3	75	40							425				L-134
6		3	101	40							498				L-135
10		4	100		1,300						1,210		1	L-137	
50		4	60	6	1,000						600		1	L-139	
		3	10	2							25				L-140
		6	75		2,300						1,137		1	L-141	
		7	65		2,650						1,536		1	L-142	
22		3	60		400						270				L-144
190		6	159		5,850						2,531		1	L-146	
4,685	11,007	609	131	6,459	101,857			16	1	201,472	147,374	23,378	113		
38,703	28,059	2,264	127	7,009	210,382	600	277,200	55	53	1,475,637	152,087	531,600	133		

## TWELFTH DISTRICT, SHIPPING MINES

County	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Williamson .....	13	1,787,100	1,218,078	492,833	-----	25,119	34,018	17,052
Total .....	13	1,787,100	1,218,078	492,833	-----	25,119	34,018	17,052

## LOCAL

Johnson .....	1	30	-----	-----	-----	30	-----	-----
Williamson .....	77	372,224	-----	-----	-----	356,532	4,685	11,007
Total .....	78	372,254	-----	-----	-----	356,562	4,685	11,007

## ALL

Johnson .....	1	30	-----	-----	-----	30	-----	-----
Williamson .....	90	2,159,324	1,218,078	492,833	-----	381,651	38,703	28,059
Total .....	91	2,159,354	1,218,078	492,833	-----	381,681	38,703	28,059

## RECAPITULATION BY COUNTIES.

Total em- ployes.	Days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.			Machine.	Hand.	Stripping.	
1,655	105	550	108,525	600	277,200	39	52	1,279,165	4,713	508,222	20
1,655	105	550	108,525	600	277,200	39	52	1,274,165	4,713	508,222	20

## MINES.

3	10	3							30		
609	131	6,459	101,857			16	1	201,472	147,374	23,378	113
612	129	6,462	101,857			16	1	201,472	147,404	23,378	113

## MINES.

3	10	3							30		
2,264	127	7,009	210,382	600	277,200	55	53	1,475,637	152,087	531,600	133
2,267	126	7,012	210,382	600	277,200	55	53	1,475,637	152,117	531,600	133





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## SUPPLEMENT

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Report of Division of Inspection.

Report of Division of Miners' Examination.

Report of Division of Mine Rescue.

Report of Division of Economic Investigation.

Report of Division of Fluorspar.

Report of State Mining Board.

List of candidates issued certificates of competency as State Mine Inspectors, Mine Managers, Mine Examiners and Hoisting Engineers.

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## REPORT OF DIVISION OF INSPECTION

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The report of the services rendered by the State Inspectors of Mines is shown as follows:

Days inspecting mines.....	1,123
Other classified service.....	743
Miscellaneous service .....	<u>1,736</u>
Total days .....	3,602
Average days for each inspector.....	300
Average days inspection mines.....	94
Average days on other classified service.....	62
Average days miscellaneous service.....	145
Number of inspections made .....	1,232
Average inspections for each inspector.....	103

## SUMMARY OF SPECIFIC WORK REPORT FOR 1938.

District.	Inspecting mines					Other classified duties—days worked.										Miscellaneous services.		Total days.
	Shipping		Local.		Total.	Per cent of time inspecting mines.	Investigating accidents.	Testing scales.	Investigating complaints.	Office work.	Traveling.	Total days in other classified duties.	Per cent of time in other classified duties.	Days worked.	Per cent of time.			
	Number in-worked, specified.	Days in-worked.	Number in-worked, specified.	Days in-worked.														
First*.....	14	13	85	45	58	29.7	2	5	1	37	---	45	23.1	92	47.2	195		
Second.....	4	5	81	49	85	17.4	1	1	34	16	---	52	16.8	204	65.8	310		
Third.....	12	10	106	36	118	46	6	1	5	44	8	64	20.3	206	65.1	316		
Fourth.....	16	29	46	32	62	61	15	3	63	40	---	122	38.6	132	42.0	311		
Fifth.....	12	24	148	150	160	174	11	3	1	11	2	28	9.0	109	35.0	311		
Sixth.....	37	82	95	36	132	118	6	---	17	31	---	54	17.5	137	44.3	309		
Seventh.....	17	36	24	24	41	60	19.5	13	25	44	1	83	27.0	164	55.3	307		
Eighth.....	22	24	32	31	54	55	17.9	15	4	17	34	73	23.7	180	58.4	308		
Ninth.....	55	67	88	49	143	116	38.3	12	17	36	2	69	22.8	118	38.9	303		
Tenth.....	26	108	4	1	30	109	35.6	24	24	18	6	72	23.5	125	40.9	306		
Eleventh.....	20	53	71	55	91	108	35.0	9	1	108	25	37	12.0	164	53.0	309		
Twelfth.....	39	35	178	129	217	164	52.4	6	7	25	6	44	14.0	105	33.6	313		
Total.....	274	486	958	637	1,232	31.2	120	19	212	361	31	743	20.6	1,736	48.2	3,602		

\* No State Mine Inspector in First District for four months of calendar year.

**DATE AND PLACE OF MEETING, NUMBER OF APPLICANTS, NUMBER OF CERTIFICATES  
ISSUED AND AMOUNT OF FEES COLLECTED.**

Date.	Place of meeting.	Number of successful candidates.	Number of certificates issued.	Fees collected.
Jan.	4 LaSalle.....	1	1	\$ 2.00
	5 Kewanee.....	16	16	32.00
	6 Canton.....	18	18	36.00
	7 Peoria.....	4	4	8.00
	11 Edwardsville.....	3	3	6.00
	12 West Frankfort.....	4	4	8.00
	13 Harrisburg.....	23	23	46.00
	14 DuQuoin.....	10	10	20.00
	15 Belleville.....	3	3	6.00
	18 Danville.....	27	27	54.00
	19 Pana.....	1	1	2.00
	20 Springfield.....	11	11	22.00
Feb.	2 LaSalle.....	10	10	20.00
	3 Rock Island.....			
	4 Galesburg.....	3	3	6.00
	5 Peoria.....	8	8	16.00
	8 Edwardsville.....	1	1	2.00
	9 West Frankfort.....	6	6	12.00
	10 Harrisburg.....	5	5	10.00
	11 Carbondale.....	4	4	8.00
	12 Belleville.....	19	19	38.00
	15 Danville.....	1	1	2.00
	16 Taylorville.....	5	5	10.00
	17 Springfield.....	4	4	8.00
Mar.	2 LaSalle.....	6	6	12.00
	3 Kewanee.....	1	1	2.00
	4 Canton.....	4	4	8.00
	5 Peoria.....	8	8	16.00
	8 Edwardsville.....	1	1	2.00
	9 West Frankfort.....	4	4	8.00
	10 Eldorado.....	9	9	18.00
	11 DuQuoin.....	7	7	14.00
	12 Belleville.....	5	5	10.00
	15 Danville.....	3	3	6.00
	16 Decatur.....	2	2	4.00
	17 Springfield.....	13	13	26.00
April	14 Roodhouse.....	3	3	6.00
	15 Rushville.....	1	1	2.00
	16 Springfield.....	7	7	14.00
	19 Edwardsville.....	3	3	6.00
	20 West Frankfort.....	1	1	2.00
	21 Harrisburg.....	2	2	4.00
	23 Belleville.....			
	26 LaSalle.....	1	1	2.00
	27 Rock Island.....	2	2	4.00
	28 Galesburg.....	4	4	8.00
	29 Peoria.....	2	2	4.00
May	3 LaSalle.....			
	4 Kewanee.....			
	5 Canton.....	1	1	2.00
	6 Peoria.....	1	1	2.00
	10 Edwardsville.....			
	11 West Frankfort.....	2	2	4.00
	12 Harrisburg.....	4	4	8.00
	13 Centralia.....	1	1	2.00
	14 Belleville.....	1	1	2.00
	17 Danville.....	3	3	6.00
	18 Pana.....			
June	19 Springfield.....	1	1	2.00
	7 LaSalle.....	2	2	4.00
	8 Coal Valley.....		3	6.00
	9 Farmington.....	2	2	4.00
	10 Peoria.....	1	1	2.00
	14 Edwardsville.....	1	1	2.00
	15 West Frankfort.....	3	3	6.00
	16 Herrin.....	2	2	4.00
	17 DuQuoin.....	4	4	8.00
	18 Belleville.....			
	21 Danville.....	1	1	2.00
	22 Decatur.....			
	23 Springfield.....	3	3	6.00

DATE AND PLACE OF MEETING, NUMBER OF APPLICANTS, NUMBER OF CERTIFICATES  
ISSUED AND AMOUNT OF FEES COLLECTED—Concluded.

Date.	Place of meeting.	Number of successful candidates.	Number of certificates issued.	Fees collected.
July	6 LaSalle.....			
	7 Galesburg.....	3	3	\$ 6.00
	8 Canton.....	1	1	2.00
	9 Peoria.....	2	2	4.00
	12 Edwardsville.....			
July	13 West Frankfort.....	2	2	4.00
	14 Harrisburg.....	1	1	2.00
	15 Sparta.....	6	6	12.00
	16 Belleville.....	2	2	4.00
	19 Danville.....	3	3	6.00
August	20 Taylorville.....	1	1	2.00
	21 Springfield.....	5	5	10.00
Sept.	No meetings.			
	7 LaSalle.....	2	2	4.00
Oct.	8 Rock Island.....	7	7	14.00
	9 Canton.....	20	20	40.00
	10 Peoria.....	6	6	12.00
	15 Springfield.....	12	12	24.00
	16 Danville.....	11	11	22.00
	17 Decatur.....			
	20 Edwardsville.....	3	3	6.00
	21 West Frankfort.....	13	13	26.00
	22 Eldorado.....	8	8	16.00
	23 Mt. Carmel.....			
Nov.	24 Belleville.....	6	6	12.00
	4 LaSalle.....	8	8	16.00
	5 Kewanee.....	5	5	10.00
	6 Galesburg.....	17	17	34.00
	7 Peoria.....	20	20	40.00
	11 Edwardsville.....			
	12 West Frankfort.....	9	9	18.00
	13 Harrisburg.....	16	16	32.00
	14 DuQuoin.....	6	6	12.00
	15 Belleville.....	23	23	46.00
Dec.	18 Danville.....	9	9	18.00
	19 Pana.....			
	20 Springfield.....	8	8	16.00
	9 LaSalle.....	4	4	8.00
	10 Rock Island.....	7	7	14.00
	11 Canton.....	20	20	40.00
	12 Peoria.....	3	3	6.00
	15 Edwardsville.....	3	3	6.00
	16 West Frankfort.....	10	10	20.00
	17 Harrisburg.....	18	18	36.00
Dec.	18 Carbondale.....	7	7	14.00
	19 Belleville.....	1	1	2.00
	21 Danville.....	5	5	10.00
	22 Decatur.....			
	23 Springfield.....	7	7	14.00
	6 LaSalle.....			
	7 Kewanee.....	7	7	14.00
	8 Galesburg.....	4	4	8.00
	9 Peoria.....	14	14	28.00
	13 Edwardsville.....	2	2	4.00
Dec.	14 West Frankfort.....	9	9	18.00
	15 Eldorado.....	7	7	14.00
	16 Herrin.....	10	10	20.00
	17 Belleville.....	3	3	6.00
	20 Roodhouse.....			
	21 Rushville.....	12	12	24.00
	22 Springfield.....	11	11	22.00
	Total.....	711	711	\$1,422.00

## SUMMARY.

Place of meeting.	Meetings held.	Successful candidates.	Certificates issued.	Amount of fees collected.
Belleville.....	11	63	63	\$ 126.00
Canton.....	6	64	64	128.00
Carbondale.....	2	11	11	22.00
Centralia.....	1	1	1	2.00
Coal Valley.....	1	3	3	6.00
Danville.....	9	63	63	126.00
Decatur.....	4	2	2	4.00
DuQuoin.....	4	27	27	54.00
Edwardsville.....	11	17	17	34.00
Eldorado.....	3	24	24	48.00
Farmington.....	1	2	2	4.00
Galesburg.....	5	31	31	62.00
Harrisburg.....	7	69	69	138.00
Herrin.....	2	12	12	24.00
Kewanee.....	5	29	29	58.00
LaSalle.....	11	34	34	68.00
Marion.....	1			
Mt. Carmel.....	1			
Pana.....	3	1	1	2.00
Peoria.....	11	69	69	138.00
Rock Island.....	4	16	16	32.00
Roodhouse.....	2	3	3	6.00
Rushville.....	2	13	13	26.00
Sparta.....	1	6	6	12.00
Springfield.....	11	82	82	164.00
Taylorville.....	2	6	6	12.00
West Frankfort.....	11	63	63	126.00
Total.....	132	711	711	\$1,422.00

No meetings held in August, 1938.

## DIVISION OF MINE RESCUE STATIONS

### FIRST AID AND MINE RESCUE TRAINING.

Below is a tabulation of the candidates trained in first aid and mine rescue at Illinois Mine Rescue Stations:

	First aid.	Mine rescue.	Station totals.
Belleville.....	825	20	845
Benton.....	2,800	53	2,853
DuQuoin.....	297	22	319
Eldorado.....	238	38	276
Herrin.....	723	28	751
Johnston City.....	108	-----	108
LaSalle.....	88	26	114
Springfield.....	1,940	127	2,067
Totals.....	7,019	314	7,333

### ONE HUNDRED PER CENT FIRST AID TRAINING.

During the year 1938, the following companies or organizations completed One Hundred Per Cent First Aid Training campaigns:

Belleville Police Department.  
 Carlinville High School, First-year students.  
 Consolidated Coal Co. No. 7.  
 C. W. & F. Coal Co. No. 1.  
 C. W. & F. Coal Co. No. 2.  
 Eldorado Township High School, First-year students.  
 Globe Oil & Refining Co.  
 Illinois-Indiana Division Shell Pipe Line Corp.  
 Midwest Dairy Producers Corp.  
 Murphysboro Fire Department.  
 Peabody Coal Co. No. 14  
 Peabody Coal Co. No. 18.  
 U. S. Fuel Co., "Bun" Mine.  
 Valier High School.  
 W. P. A., Johnston City.

### BELLEVILLE STATION.

(Condensed from reports)

January 24—Received call at 7:50 A. M. from Beckemeyer Coal Company, Beckemeyer, that explosion had occurred and mine rescue team was needed. Reached mine with team and equipment at 9:00



A. M., and was informed all men were out of mine. Stood by with team until workings had been inspected and reported safe by Inspector Stuart.

July 16—Received call from United Electric Coal Company at Freeburg, where man was believed overcome by gas fumes from burning screenings in coal bin. Upon arrival at mine with one team member the man had been found safe in another part of mine.

October 6—Called to fire at face of room at Southern Coal, Coke and Mining Company's Little Oak Mine. Assisted in loading out burning coal and extinguishing with water.

#### BENTON STATION.

(Condensed from reports)

May 3—Received call from Benton City Lake that woman and two children drowned. Upon arrival woman had already been pronounced dead and taken to undertaker. Children were not found until next day.

June 15—Received call at 10:00 A. M. from Franklin County Coal Company to bring inhalator, as boy named Bobbie Overturf, 10 years old, had drowned. Worked one hour and five minutes using inhalator and artificial respiration without success. Boy was pronounced dead by Dr. L. M. Moore.

June 24—Received call to bring inhalator to St. Joseph's Church and revive boy who had fallen. Upon arrival Fire Department was using inhalator and administering artificial respiration. I also assisted for one hour, but boy was pronounced dead by Dr. Burkheart, who said death was caused by heart attack. Deceased was Joseph Zielnicki, age 10 years.

#### DUQUOIN STATION.

(Condensed from reports)

August 15—Received call at 5:00 A. M. for inhalator to Crab Orchard, as man had drowned while pumping water from a slope mine. Arrived at 5:30, but victim was already pronounced dead. Worked on victim until rigor mortis had set in.

August 22—Received call at 5:00 A. M. for inhalator to Crab merged excepting legs. Man pronounced dead. Returned to station at 11:30 A. M.

#### ELDORADO STATION.

(Condensed from reports)

June 20—Received call at 5:40 P. M. for inhalator for 15 months old infant who had fallen head first into an open cesspool. Arrived at 6:00 P. M. and used inhalator for 30 minutes without success. Child had been drowned or smothered in the mass. One hour and a half had elapsed before child's absence had been discovered.

August 22—Received call for inhalator for Estes McNail who had drowned as a result of falling in the sump at a local mine located in the vicinity of Crab Orchard. Call answered immediately,

and upon arrival assistance was given Mr. Morris of the DuQuoin Station and Mr. McSherry of the Herrin Station who had arrived earlier. All efforts proved unsuccessful, as victim apparently was dead when discovered.

September 21—Received call for inhalator for Dan Nichols, retired miner who was overcome with a heart attack at his home five miles from Eldorado. Man was dead upon arrival.

#### HERRIN STATION.

(Condensed from reports)

August 22—Received call for inhalator for Estes McNail who had drowned in a slope mine he had been sinking. Upon arrival assisted Mr. Morris of the DuQuoin Station.

December 30—Received call to fire at Dogwood Coal Company, southeast of Carbondale.

#### JOHNSTON CITY STATION.

Received no calls.

#### LASALLE STATION.

(Condensed from reports)

February 3—Answered call from Western Clock Company, Peru, for man with gas mask to assist in rescue of worker overcome while working in well. Superintendent answered call but upon arrival found rescue had been effected and his services were not needed.

February 6—Superintendent answered call for inhalator in unsuccessful attempt to save life of police officer stricken with pneumonia. Cooperated with fellow workmen of stricken man and supplied oxygen for the case.

February 8—Answered call from Ice Cream Mfg. establishment where an ammonia pipe had broken.

February 21—Assisted members of fire department with inhalator and successfully revived an eleven year old boy who was found in a semi-conscious state, his pulse and breathing apparently having ceased. In this case the inhalator unquestionably saved a life.

May 27—Answered call for inhalator at St. Patrick's parochial school; upon arrival found a young boy sufficiently recovered to be assisted home.

## REPORT OF DIVISION OF ECONOMIC INVESTIGATION

The following tables will show the activities of the various industries under this division :

TABLE 1.—LUMESTONE.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Alpha Portland Cement Co.	LaSalle.	LaSalle	197,001	159	230		40,025		
2	Anna Quarries, Inc.	Anna	Union	225,000	23	180		35,000		5
3	Beau & Massey	Goconda	Hardin	30,568	23	180		7,850		3
4	Black & White Lime Co.	Quincy	Adams	17,887	21	275		16,000		2
5	City of Rockford	Rockford	Winnebago	28,907	183	281		15,562		24
6	Columbia Quarry Co.	Columbia	St. Clair	564,200	110	236		126,800		
7	Corey & Collinson Const. Co.	Moline	Mercer	4,140	10	12		800		
8	County of St. Clair	Hecker	St. Clair	40,000	60	300		20,625		
9	Elmhurst-Chicago Stone Co.	Elmhurst	DuPage	223,656	18	153		50,850		12
10	Gray Quarries	Hamilton	Hancock	10,000	6	300		2,500		
11	Illinois State Penitentiary	New Baden	Clinton	10	47	15				
12	Itolgraves Quarry	Menard	Randolph	43,234	674	287		6,000	1	2
13	Iuka Township	Iuka	Marion	6,306	132	917		7,000		127
14	Jefferson County	Mt. Vernon	Jefferson	25,000	40	283		57,550		
15	Lehigh Portland Cement Co.	Oglesby	LaSalle	209,781	282	303		97,300		18
16	Lehigh Stone Co.	Lehigh	Kankakee	390,400	88	213		73,900		3
17	Lincoln Crushed Stone Co.	Joliet	Will	235,000	22	300		7,000		9
18	Macoupin County Highway Dept.	Carlinville	Macoupin	40,000	150	100		10,000		1
19	Marion County Highway Dept.	Salem	Marion	29,324	100	248		10,937		6
20	Marquette Cement Mfg. Co.	Oglesby	LaSalle	671,794	404	268	3,339	7,000		
21	Mississippi Lime Co., Inc.	Alton	Madison	153,000	33	275		4,000		13
22	Monmouth Stone Co.	Monmouth	Warren	30,000	12	200		12,000		
23	Morris Limestone Products Co.	Morris	Kendall	25,000	6	91		4,000		
24	National Stone Co.	Joliet	Will	177,868	35	136		43,650		
25	Pontiac Township	Pontiac	Livingston	7,879	12	90		700		
26	Schady Quarries	Byron	Ogle	10,000	6	106		3,050		4
27	Staunton Tie & Lumber Co.	Carlyle	Clinton	24,350	128	210		4,500		
28	Timmerman Quarry	Jerseyville	Jersey	13,499	30	250		557		
29	United States Gypsum Co.	Trenton	Clinton	2,477	8	75		6,200		
30		Cordova	Rock Island	26,000	14	175				

TABLE 1—LIMESTONE—Concluded.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—kegs.	Dyna-mite—pounds.	Fatal.	Non-fatal.
31	Wachtel & Armstutz.....	Hecker.....	St. Clair.....	3, 975	6	126	900			
32	Washington County.....	Nashville.....	Washington.....	19, 789	22	264	7, 200			20
33	Washington County.....	Nashville.....	Washington.....	2, 084	22	88	700			6
34	Ed Weber.....	Hecker.....	St. Clair.....	1, 000	40	40	500			1
35	W. P. A.....	Prickneyville.....	Perry.....	29, 467	52	204				
36	W. P. A.....	St. Johns.....	Perry.....	48, 970	125	204	1, 400			
37	W. P. A.....	St. Johns.....	Perry.....	18, 786	51	204	275			
38	W. P. A.....	Alton.....	Madison.....	401	15	41				
39	W. P. A.....	Hecker.....	St. Clair.....	56, 062	72	215	23, 225			5
40	W. P. A.....	Plainview.....	Maconpin.....	8, 600	17	160	4, 000			
41	W. P. A.....	Nileswood.....	Maconpin.....	8, 850	17	216	2, 200			1
42	W. P. A.....	Carlinville.....	Maconpin.....	3, 600	17	55	780			
43	W. P. A.....	Stamton.....	Maconpin.....	9, 600	17	215	2, 400			1
44	W. P. A.....	Gillespie.....	Maconpin.....	8, 800	17	180	2, 300			
45	W. P. A.....	Harrisburg.....	Saline.....	43, 200	150	216	6, 000			30
Total reported to Department.....				3, 725, 465	3, 356	1185	3, 339	875, 973	1	309
Production totals secured from other sources.....				4, 158, 852						
				7, 884, 317						

1. Average.

TABLE 2—OIL AND GAS.

No.	Name of operator.	Post office address of the operator.	County in which the well is located.	Number of wells.	Production.		Number employed.	Explosives—nitro-glycerine, quarts.	Accidents—non-fatal.
					Oil—barrels.	Gas—per 1,000 cu ft.			
1	American Oil Development Co.....	1601 Oliver Bldg., Pittsburgh, Pa.....	Crawford.....	99	20, 063		8		
2	Ball Bros.....	Robinson, Ill.....	Crawford.....	51	9, 556		3		
3	Ball Bros.....	Robinson, Ill.....	Cumberland.....	39	3, 561		1		

4	Bell Bros.	Robinson, Ill.	Wabash.	1	452	2	452
5	Belle Oil Co.	Box 133, Carlyle, Ill.	Clinton.	4	20,034	2	40
6	Bond County Gas Co.	Greenville, Ill.	Bond	7		2	
7	Bradford Oil Corp.	Robinson, Ill.	Crawford	11	13,270	1	
8	Breneman & MacDonnell	312 S. Cole St., Lima, Ohio	Crawford	9	3,452	9	
9	A. Brunet	312 Wright Bldg., Tulsa, Okla.	Wayne	3	11,293	2	
10	Craig & Lowrie	808 Columbia Bldg., Pittsburgh, Pa.	Crawford	84	16,819	11	
11	Craig & Lowrie	808 Columbia Bldg., Pittsburgh, Pa.	Lawrence	9	2,458	1	
12	W. L. Curtis Co.	150 Lake St., Elmira, N. Y.	Wabash	1	150	1	
13	Dinsmoor Oil Co.	St. Marys, W. Va.	Lawrence	15	13,196	2	
14	Dinsmoor Oil Co.	St. Marys, W. Va.	Clark	73	10,740	4	
15	Dinsmoor Oil Co.	St. Marys, W. Va.	Crawford	233	51,233	22	
16	Dinsmoor Oil Co.	St. Marys, W. Va.	Lawrence	10	949	1	
17	M. L. Dorsey	St. Marys, W. Va.	Cumberbund	3	4,021	3	
18	Gee Oil Co.	402 S. Franklin St., Robinson, Ill.	Crawford	26	600	1	
19	Kewanee Oil Co.	312 Wright Bldg., Tulsa, Okla.	Lawrence	10	5,635	2	
20	Kewanee Oil Co.	Box 499, Tinsville, Pa.	Crawford	16	44,994	17	
21	Kewanee Oil Co.	Box 499, Tinsville, Pa.	Clark	41	8,409	2	
22	H. C. Kraft & Co.	Box 499, Tinsville, Pa.	Lawrence	39	14,303	3	
23	Leighly Oil Co.	Ohlong, Ill.	Cumberbund	6	411	1	
24	Liberty Oil Co.	312 Wright Bldg., Tulsa, Okla.	Lawrence	10	7,864	2	
25	Liberty Oil Co.	Savings Bank Bldg., Warren, Pa.	Crawford	32	4,582	2	
26	Mt. Carmel Oil Co.	424 Market St., Mt. Carmel, Ill.	Wabash	5	20	1	
27	M. & T. T. Co.	404 Perrine Ave., Centralia, Ill.	Marion	16	4,457	2	
28	National Refining Co.	5th Floor Hanna Bldg., Cleveland, Ohio	Clark	14	2,452	2	
29	National Refining Co.	5th Floor Hanna Bldg., Cleveland, Ohio	Crawford	103	6,517	2	
30	New York Petroleum Co.	Box 568, Parkersburg, W. Va.	Crawford	568	3,226	2	
31	Ohio Oil Co.	529 S. Main St., Findlay, O.	Clark	3,583	141,457	*805	20
32	Ohio Oil Co.	529 S. Main St., Findlay, O.	Crawford	568	803,174	1	244
33	Ohio Oil Co.	529 S. Main St., Findlay, O.	Clay	1	19,668	1	
34	Ohio Oil Co.	529 S. Main St., Findlay, O.	Canton	80	37,374	1	
35	Ohio Oil Co.	529 S. Main St., Findlay, O.	Cumberbund	536	83,037	1	
36	Ohio Oil Co.	529 S. Main St., Findlay, O.	Hancock	4	1,611	1	
37	Ohio Oil Co.	529 S. Main St., Findlay, O.	Lawrence	2,400	1,369,272	9	120
38	Ohio Oil Co.	529 S. Main St., Findlay, O.	McDonough	211	130,113	1	
39	Ohio Oil Co.	529 S. Main St., Findlay, O.	Marion	36	58,480	1	
40	Ohio Oil Co.	529 S. Main St., Findlay, O.	Richland	14	558,918	1	80
41	Ohio Oil Co.	529 S. Main St., Findlay, O.	St. Clair	31	35,765	1	
42	August Overbeck	529 S. Main St., Findlay, O.	Marion	4	540		
43	James Pease & Co.	2345-135 So. La Salle St., Chicago, Ill.	Crawford	222	4,605	3	
44	Femberion Oil & Gas Co.	229 E. Main St., Onsey, Ill.	Lawrence	18	10,768	3	
45	Petro Oil & Gas Co.	Security Bldg., St. Louis, Mo.	Marion	19	10,016	2	
46	Pittsburgh Oil & Gas Co.	1005 Farmers Bank Bldg., Pittsburgh, Pa.	Clark	18	4,848	1	
47	Pugh-DeKalb Co.	102½ E. Broadway, Centralia, Ill., Centralia Town Lots	Marion	28	270,542	25	280
48	Pugh-DeKalb Co.	102½ E. Broadway, Centralia, Ill., Lake Centralia	Marion	2	11,479	20	10
49	Pure Oil Co.	35 E. Wacker Drive, Chicago, Ill.	Crawford	215	46,215	1	
50	Pure Oil Co.	35 E. Wacker Drive, Chicago, Ill.	Clark	201	38,778	127	21
51	Pure Oil Co.	35 E. Wacker Drive, Chicago, Ill.	Union	115	14,558	1	
52	Pure Oil Co.	35 E. Wacker Drive, Chicago, Ill.	Clay	116	3,765,406	362	114

\* Average number of employees for year at all wells, 805. Additional production by fields secured from other sources.

† Average number of employees of one company in three counties.



3	Atherton Sand Co.	Danville	Vermilion	5,000	2	300			
4	Bloomington Twp.	Bloomington	Du Page	8,000	2	110			
5	Buckhart Sand & Gravel Co.	Bloomington	Mechanicsburg	29,001	6	146			
6	Chillicothe Gravel Co.	East Peoria	Peoria	748,200	10	250	150		1
7	Chinn Bros.	LaSalle	LaSalle						
8	Churchill Gravel Co.	Farbury	Livingston	37,500	9	150			
9	H. D. Conkey & Co.	Mendota	Kane	190,191	20	107			1
10	Corey & Collinson Const. Co.	Toulon	Starke	11,954	20	107			
11	S. S. Davis	Rock Island	Rock Island	1,158	10	28			
12	East Peoria Sand & Gravel Co.	East Peoria	Tazewell	21,973	3	18			1
13	Merle G. Ellsworth	Bloomington	McLean	20,000	6	250			
14	Galesburg Sand & Gravel Co.	Buda	Bureau	60	7	212			2
15	H. H. Halliday Sand Co.	Cairo	Alexander	36,595	1	1			
16	Harris Gravel Pit	Keyesport	Bond	13,681	20	200			
17	H. P. B. Sand & Gravel Co.	Rockford	Winnebago	13,681	50	7	148		
18	Kingston Lake Gravel Co.	Lacon	Marshall	14,615	4	210			
19	Kingston Lake Gravel Co.	Mapleton	Peoria	34,354	7	77			
20	J. B. Larson	Wyan	Bureau	6,000	6	238			2
21	Laws Gravel Pit	Keyesport	Bond	14,080	6	70			
22	Lincoln Sand & Gravel Co.	Lincoln	Logan	199,089	40	100	790		1
23	W. F. McLean	Greenville	Bond	46,000	30	180			
24	Macoupin County Highway Dept	Carlinville	Macoupin	10,000	100	100	7,000		
25	Metropolis Sand & Gravel Co.	Metropolis	Massac	35,871	8	250			
26	F. W. H. Meyer	Keyesport	Bond	10,000	8	250			
27	Mississippi Lime Co.	Alton	Madison	81,000	33	275			
28	Mt. Carmel Sand & Gravel Co.	Mt. Carmel	Wabash	57,000	9	171	7,000		6
29	Ozark Minerals Co.	Elco	Alexander	49,177	6	130			
30	Peoria Concrete Const. Co.	Peoria	Tazewell	39,390	6	230	17,100		2
31	Presters Gravel Pit	Breese	Clinton	387	15	8			
32	J. A. Platt	Quincy	Adams	300	1	70			
33	Purity Moulding Sand Co.	Dallas City	Henderson	6,600	5	120			
34	P. F. Rutherford	Wyan	Bureau	1,000	3	50			
35	Joseph Saeger	LaSalle	LaSalle	4,180	3	50			
36	Spicer Gravel Co.	Marselles	LaSalle	19,289	3	200			
37	Springfield-Pekin Sand & Gravel Co.	Pekin	Tazewell	215,000	15	202	50		1
38	Stocker Gravel & Const. Co.	Highland	Madison	10,753	2	275	1,200		
39	Terry & Lewis Sand & Gravel Co.	Gladstone	Henderson	22,000	3	275			
40	Western Sand & Gravel Co.	Spring Valley	Bureau	212,243	25	245			
41	W. P. A.	Mink Island	White	37,000	20	102			
42	W. P. A.	Hettick	Macoupin	3,000	5	40	850		
43	W. P. A.	Old Ripley Twp.	Bond	2,300	6	40			
44	W. P. A.	Diswood	Alexander	46,833	75	120			
45	W. P. A.	Mounds	Alexander	36,512	65	120			
Total				2,421,709	706	140	2,278	34,210	17
Additional tonnage from other sources				7,547,350					
Total State tonnage				9,969,059					

a—Not reported.

b—Average.

TABLE 4—SHALE AND CLAY.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Pow-der—kegs.	Dyna-mite—pounds.	Fatal.	Non-fatal.
1	Alton Brick Co.....	Alton	Madison	34, 152	130	202	a	6, 000	—	—
2	Baird Bros.....	Colchester	McDonough	7, 194	5	200	—	—	—	—
3	Belleville Brick Co.....	Belleville	St. Clair	6, 261	15	76	—	—	—	—
4	Campus Brick & Tile Works.....	Campus	Livingston	865	1	87	—	—	1	—
5	Carey Brick Co.....	Chicago	Cook	22, 000	80	40	—	—	—	—
6	Chicago Retort & Fire Brick Co.....	Ottawa	LaSalle	15, 204	95	174	4, 712	253	—	3
7	Eastern Illinois Clay Co.....	St. Anne	Kankakee	37, 491	57	300	—	—	—	—
8	Ford Brick & Tile Co.....	Harrisburg	Saline	12, 000	33	290	—	1, 550	—	—
9	Frederick Brick Tile Works	Frederick	Schuyler	700	7	230	—	300	—	—
10	Hill Brick Co.....	Nigger Hollow	St. Clair	49, 842	97	262	4, 450	400	2	—
11	Hull & Gustafson	Cambridge	Henry	1, 200	10	150	—	—	—	—
12	Hydraulic-Press Brick Co.	Spartanland	Marshall	16, 500	75	147	—	15, 000	—	12
13	Illinois Clay Products Co.	Joliet	Grundy	73, 000	35	210	—	20, 000	—	12
14	Jackson County Brick Co.	Campbell Hill	Jackson	13, 675	38	218	—	—	—	—
15	Kloess Brick Co.....	Belleville	St. Clair	3, 650	7	250	—	—	—	—
16	Lehigh Portland Cement Co.	Oglesby	LaSalle	22, 901	a	a	—	a	—	—
17	McLaughlin Mining Co.....	Alsey	Scott	2, 954	11	63	100	150	—	—
18	Mascoutah Brick Co.....	Mascoutah	St. Clair	600, 000	10	190	—	—	—	—
19	Matthiessen & Hegeler Zinc Co.	LaSalle	LaSalle	252	2	38	300	—	—	—
20	Munson Bros. & Co.....	Capron	Boone	2, 400	7	200	—	—	—	1
21	National Fireproofing Corp.	Twin Bluffs	LaSalle	3, 985	34	58	—	—	—	—
22	Oberschelp Brick & Tile Co.	Princeton	Bureau	14, 880	7	140	—	—	—	—
23	Peoria Brick & Tile Co.....	Groveland Twp.	Tazewell	34, 000	43	120	—	2, 000	—	—
24	Pontion-Springfield Brick Co.	Springfield	Sangamon	50, 556	67	269	—	1, 050	—	—
25	Purinton Paying Brick Co.	East Galesburg	Knox	21, 038	183	116	446	1, 300	4	—
26	Richards Brick Co.	Edwardsville	Madison	45	45	234	—	—	—	—
27	Ruckel's Pottery Works	Drake	Greene	431	4	167	—	—	—	—
28	St. Elmo Brick & Tile Co.	St. Elmo	Payette	12, 713	44	167	—	2, 500	—	12
29	Springfield Clay Products Co.	Springfield	Sangamon	22, 800	44	241	—	2, 000	—	—
30	Springfield Clay Products Co.	Petersburg	Menard	7, 436	11	277	—	600	—	—
31	Streator Drain Tile Co.	Streator	LaSalle	26, 552	94	307	—	850	—	—
32	Tuthill Building Material Co.	Blue Island	Cook	47, 000	72	69	—	—	—	—
33	Western Brick Co.....	Danville	Vermilion	88, 406	192	243	—	8, 000	—	35
34	White Hall Sewer Pipe & Stoneware Co.	White Hall	Greene	23, 965	13	236	—	1, 200	—	2
35	W. F. A.....	Eastern Twp.	Franklin	150	10	28	—	200	—	—
Total.....				1, 276, 251	1, 578	1, 176	10, 038	63, 353	—	87
Production received from other sources.....				109, 210	—	—	—	—	—	—
Total State production.....				1, 385, 461	—	—	—	—	—	—

a—Taken into account in limestone table.

b—Average.



TABLE 5—SILICA.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives—dynamite—pounds.	Accidents.	
		Post office.	County.					Fatal.	Non-fatal.
1	Ottawa Silica Co.	Ottawa	LaSalle	408,281	164	139	108,250	-----	5
2	Ozark Minerals Co.	Elco	Alexander	6,848	25	300	-----	-----	-----
3	Standard Silica Corp.	Ottawa	LaSalle	95,896	48	131	32,100	-----	10
4	South Ottawa Silica Co.	Ottawa	LaSalle	25,000	5	123	3,400	-----	-----
Total				536,015	242	8173	143,750	-----	15
Production received from other sources				19,000					
Total State production				555,015					

a—Average.

TABLE 6—FULLER'S EARTH.

No.	Company.	Location.	County.	Tons produced.	Men employed	Days worked.	Dyna-mite—pounds.
1	Reports from authorized sources.....			33, 107	a	a	a

a—Not reported.

TABLE 7—LIMESTONE.

No.	County.	Number of—		Output in tons.	Number employed.	Average days worked.	Explosives used.		Accidents.	
		Oper-ators.	Plants.				Pow-der—kegs.	Dyna-mite—pounds.	Fatal.	Non-fatal.
1	Adams.....	1	1	17, 887	21	281	-----	16, 000	-----	2
2	Clinton.....	3	3	26, 837	205	300	-----	3, 607	-----	4
3	Du Page.....	1	1	223, 656	18	153	-----	50, 850	-----	12
4	Hancock.....	1	1	10, 000	6	300	-----	2, 500	-----	3
5	Hardin.....	1	1	30, 568	11	275	-----	7, 850	-----	3
6	Jefferson.....	1	1	25, 000	40	283	-----	7, 000	-----	127
7	Jersey.....	1	1	13, 499	8	250	-----	4, 500	-----	-----
8	Kankakee.....	1	1	390, 400	88	213	-----	97, 300	-----	18
9	Kendall.....	1	1	25, 000	9	91	-----	4, 000	-----	1
10	LaSalle.....	3	3	1, 078, 576	935	801	3, 339	264, 332	-----	1
11	Livingston.....	1	1	7, 879	12	90	-----	700	-----	-----
12	Macoupin.....	6	6	79, 450	235	926	-----	18, 680	-----	2
13	Madison.....	2	2	153, 401	74	290	-----	7, 000	-----	6
14	Marion.....	2	2	35, 630	140	380	-----	10, 917	-----	21
15	Mercer.....	1	1	4, 140	10	12	-----	800	-----	-----
16	Ogle.....	1	1	10, 000	6	100	-----	-----	-----	-----
17	Perry.....	3	3	97, 223	228	612	-----	1, 675	-----	-----
18	Randolph.....	1	1	43, 234	674	287	-----	6, 000	1	2
19	Rock Island.....	1	1	26, 000	14	175	-----	6, 200	-----	-----
20	St. Clair.....	5	5	665, 237	253	919	-----	172, 050	-----	6
21	Saline.....	1	1	43, 200	150	216	-----	6, 000	-----	30
22	Union.....	1	1	225, 000	23	180	-----	35, 000	-----	5
23	Warren.....	1	1	30, 000	12	200	-----	12, 000	-----	-----
24	Washington.....	2	2	21, 873	44	352	-----	7, 900	-----	26
25	Will.....	2	2	412, 868	57	456	-----	117, 550	-----	16
26	Winnebago.....	1	1	28, 907	83	222	-----	15, 562	-----	24
Total.....		45	45	3, 725, 465	3, 356	a185	3, 339	875, 973	1	309

a—Average.

TABLE 8—OIL AND GAS.

No.	County.	Number of—		Production.		Number employed.	Explosives—nitro-glycerine, quarts.	Accidents—non-fatal.
		Oper-ators.	Wells.	Oil—barrels	Gas—1,000 cu. ft.			
1	Bond.....	1	7		13, 270	2		
2	Clark.....	9	1, 042	237, 335	1, 512	17	20	4
3	Clay.....	2	117	3, 785, 074		362		115
4	Clinton.....	4	101	144, 041		8	80	8
5	Crawford.....	16	5, 530	1, 293, 775	348, 350	139	244	2
6	Cumberland.....	4	607	91, 030	90, 300	5		
7	Hancock.....	1	4	1, 611				
8	Lawrence.....	10	2, 811	1, 545, 942	60, 700	52	120	12
9	McDonough.....	3	239	137, 185		2		1
10	Marion.....	7	108	362, 420		50	370	3
11	Richland.....	2	81	3, 657, 944		249	50	108
12	St. Clair.....	1	31	35, 765				
13	Union.....	1	115	14, 558		3		
14	Wabash.....	4	13	4, 901				
15	Wayne.....	2	28	571, 974		88		13
Total.....		67	10, 834	11, 883, 565	541, 132	*1, 809	884	266

\* 832 employees not listed by counties included in total.

TABLE 9—SAND AND GRAVEL.

No.	County.	Number of—		Pro-duction in tons.	Number em-ployed.	Average days worked.	Explosives used.		accidents.	
		Oper-ators.	Plants.				Pow-der—kegs.	Dyna-mite—pounds.	Fatal.	Non-fatal.
1	Adams.....	1	1	300	1	70				
2	Alexander.....	4	4	169, 117	166	560		17, 100		
3	Bond.....	5	5	33, 615	98	227	2, 278	840		1
4	Bureau.....	4	4	219, 303	35	366				
5	Clinton.....	1	1	387	15	8				
6	Du Page.....	1	1	8, 000	2	110				
7	Henderson.....	2	2	28, 600	8	120				
8	Kane.....	1	1	190, 191	20	107				
9	LaSalle.....	4	4	30, 728	5	350		70		1
10	Livingston.....	1	1	37, 500	9	150				1
11	Logan.....	1	1	199, 689	30	180				
12	McLean.....	1	1	20, 000	7	212				2
13	Macoupin.....	2	2	49, 900	155	140		7, 850		
14	Madison.....	2	2	91, 753	35	550		8, 200		6
15	Marshall.....	1	1	14, 615	7	77				
16	Massac.....	1	1	35, 871	8	250				
17	Peoria.....	2	2	782, 554	16	488				2
18	Rock Island.....	1	1	1, 158	3	18				
19	Sangamon.....	1	1	29, 901	6	146		150		1
20	Stark.....	1	1	11, 954	10	28				1
21	Tazewell.....	3	3	276, 363	27	742				2
22	Vermilion.....	1	1	5, 000	2	300				
23	Wabash.....	1	1	57, 000	9	171				
24	White.....	1	1	37, 000	20	102				
25	Winnebago.....	2	2	91, 210	12	400				
Total.....		45	45	2, 421, 709	706	1140	2, 278	34, 210		17

\* Average.

TABLE 10—SHALE AND CLAY.

No.	County.	Number of—		Pro- duction in tons.	Number em- ployed.	Average days worked.	Explosives used.		Accidents.	
		Oper- ators.	Plants.				Pow- der— kegs.	Dyna- mite— pounds.	Fatal.	Non- fatal.
1	Boone.....	1	1	2,400	7	200	-----	-----	-----	1
2	Bureau.....	1	1	400	7	140	-----	-----	-----	-----
3	Cook.....	2	2	69,000	152	109	-----	-----	-----	3
4	Fayette.....	1	1	12,713	44	167	-----	2,500	-----	12
5	Franklin.....	1	1	150	10	28	-----	200	-----	-----
6	Greene.....	2	2	23,996	17	403	-----	1,200	-----	2
7	Grundy.....	1	1	73,000	35	210	-----	20,000	-----	12
8	Henry.....	1	1	1,200	10	150	-----	-----	-----	-----
9	Jackson.....	1	1	13,675	38	218	-----	-----	-----	-----
10	Kankakee.....	1	1	37,491	57	300	-----	-----	-----	-----
11	Knox.....	1	1	50,556	183	116	446	1,300	-----	4
12	LaSalle.....	5	5	68,894	225	577	5,042	1,103	-----	3
13	Livingston.....	1	1	865	1	87	-----	-----	-----	1
14	McDonough.....	1	1	7,194	5	200	-----	6,000	-----	-----
15	Madison.....	2	2	55,190	175	436	-----	-----	-----	-----
16	Marshall.....	1	1	16,500	75	147	-----	15,000	-----	12
17	Menard.....	1	1	7,436	11	277	-----	600	-----	-----
18	St. Clair.....	4	4	659,753	129	778	4,450	400	-----	2
19	Saline.....	1	1	12,000	33	290	-----	1,550	-----	-----
20	Sangamon.....	2	2	56,800	111	510	-----	3,050	-----	-----
21	Shuyler.....	1	1	700	7	230	-----	300	-----	-----
22	Scott.....	1	1	2,954	11	63	100	150	-----	-----
23	Tazewell.....	1	1	14,480	43	120	-----	2,000	-----	-----
24	Vermilion.....	1	1	88,506	192	243	-----	8,000	-----	35
Total.....		35	35	1,276,251	1,578	1176	10,038	63,353	-----	87

\* Average.

TABLE 11—SILICA.

No.	County.	Number of—		Pro- duction in tons.	Number em- ployed.	Average days worked.	Explosives used.		Accidents.	
		Oper- ators.	Plants.				Pow- der— kegs.	Dyna- mite— pounds.	Fatal.	Non- fatal.
1	Alexander.....	1	1	6,838	25	300	-----	-----	-----	5
2	LaSalle.....	3	3	529,177	217	131	-----	143,750	-----	10
Total.....		4	4	536,015	242	173	-----	143,750	-----	15

\* Average.

TABLE 12—SUMMARY OF TABLES 7, 8, 9, 10 AND 11.

Industry.	Number of—			Production.	Number employed.	Average days worked.	Explosives used		Accidents.	
	Coun- ties.	Oper- ators.	Plants.				Pow- der— kegs.	Dyna- mite— pounds.	Fatal.	Non- fatal.
Limestone.....	26	45	45	a3,725,465	3,356	185	3,339	875,973	1	309
Oil and gas.....	15	67	10,834	b11,883,565 c541,132	1,809			d884		266
Sand and gravel....	25	45	45	a2,421,709	706	140	2,278	34,210		17
Shale and clay.....	24	35	35	a1,276,251	1,578	176	10,038	63,353		87
Silica.....	2	4	4	a536,015	242	173		143,750		15
Total	100	196	10,963	a7,959,440 b11,883,565 c541,132	7,691	674	15,655	1,117,286	1	694

a. Tons.      b. Barrels of oil.      c. M. cu. ft. of gas.      d. Quarts of nitroglycerine.

TABLE 13—MINERAL INDUSTRIES OF ILLINOIS—1938—BY COUNTIES.

Number.	County.	Coal.		Fluorspar.		*Fullers Earth.		Limestone.		Oil and gas.			Sand and gravel.		Shale and clay.		Silica.		Number.
		Mines.	Tons.	Mines.	Tons.	Mines.	Tons.	Quarries.	Tons.	Wells.	Oil barrels.	Gas cu. ft.	Pits.	Tons.	Pits.	Tons.	Mines.	Tons.	
1	Adams							1	17,887				1	300					1
2	Alexander	4	21,024											1		169,117	1	6,838	2
3	Alton									7		13,270	5	33,615					3
4	Bond	1	71,725																4
5	Brown															2,400			5
6	Bureau	7	812																6
7	Bureau	9	60,016																7
8	Calhoun												4	219,303	1	400			8
9	Carroll																		9
10	Cass	3	2,632																10
11	Christian	7	3,704,690																11
12	Clark									1,042	237,335	1,512							12
13	Clark									117	3,785,074								13
14	Coles	3	128,222					3	26,837	101	144,041		1	387					14
15	Cook															69,000			15
16	Crawford	1	1,773							5,530	1,293,775	348,350			2				16
17	Cumberland									607	91,030	90,300	1	8,000					17
18	Du Page							1	223,656										18
19	Edgar	5	84,611																19
20	Edwards																		20
21	Fayette														1	12,713			21
22	Franklin	12	7,873,999												1	150			22
23	Fulton	108	2,975,404																23
24	Gallatin	20	57,719																24
25	Greene	20	9,186												2	23,996			25
26	Grundy	8	124,626												1	73,000			26
27	Hamilton																		27
28	Hancock	5	3,101							4	1,611								28
29	Hardin			14	48,421														29
30	Henderson							1	30,568				2	28,600					30
31	Henry	27	681,911																31
32	Jackson	25	1,322,986												1	1,200			32
33	Jasper	1	1,254												1	13,675			33
34	Jefferson	5	1,535					1	25,000										34
35	Jersey	5	1,029					1	13,499										35
36	Jo Daviess																		36
37	Johnson																		37
38	Kane	1	30										1	190,191					38
39	Kankakee							1	390,400						1	37,491			39



## REPORT OF METAL MINES

HOMER HARRIS, INSPECTOR.

The following tables show the activities of the metal mines for the year 1938:

TABLE 1—NAME OF OPERATOR, LOCATION OF MINE, DEPTH OF SHAFT, USE OF PRODUCT, METHOD OF HOISTING AND MINING.

Name of Operator.	Location of mine.		Depth of shaft in feet.	Product used for—	Method of hoisting.	Method of mining.
	Post office.	County.				
Aluminum Ore Company 4 mines.....	Rosiclare.....	Hardin...	80-700	Hydrofluoric acid, enamel-ware and glass.	Steam.....	Machine and hand.
Barnett-Ragesdale Mine.....	Eddyville.....	Pope.....	40-85	Flux for steel...	Hand.....	Hand.
Lawrence Boutwell.....	Elizabethtown.....	Hardin...	90	Steel.....	Steam.....	Machine and hand.
Crystal Fluorspar Company.....	Elizabethtown...	Hardin...	110	Flux for basic open hearth steel.....	Steam.....	Hand.
Fred Cullum.....	Elizabethtown...	Hardin...	100	Flux.....	Steam.....	Machine and hand.
Dow Fluorspar Company.....	Rosiclare.....	Hardin...	85	Flux for steel...	Steam.....	Machine and hand.
Fluorspar Products Corp.....	Elizabethtown...	Hardin...	140	Flux for steel...	Steam.....	Machine and hand.
Gill Fisher Mining Company.....	Galena.....	Jo Daviess...	80	.....	Gasoline....	Machine.
Hillside Fluorspar Mines.....	Rosiclare.....	Hardin...	650	Flux for steel...	Electric....	Machine.
Illinois Fluorspar & Lead Co.....	Golconda.....	Pope.....	125	Flux for steel...	Steam.....	Machine and hand.
Knight, Knight & Clark.....	Herod.....	Pope.....	100	Flux for steel...	Steam.....	Machine and hand.
E. A. Knupp.....	Cave-In-Rock...	Hardin...	Slope...	Flux for steel...	.....	Steam shovel and hand.
C. C. Mackey Mahoning Mining Company.....	Golconda.....	Pope.....	150	Flux for steel...	Steam.....	Hand.
	Elizabethtown...	Hardin...	300	.....	Compressed Air.....	Machine and hand.
Fred L. O'Rear Mine...	Elizabethtown...	Hardin...	150	Flux for steel...	Steam.....	Machine and hand.
Rosiclare Lead & Fluorspar Mining Co.....	Rosiclare.....	Hardin...	800	Fluxing steel—open hearth furnaces; ceramics; Glass and enamel-ware; hydrofluoric acid; freon gas.....	Electric....	Machine and hand.
Victory Fluorspar Mining Co.....	Elizabethtown...	Hardin...	173	Flux for steel...	Steam.....	Machine.
Beecher Williams & Bro. Mine.....	Karbersridge....	Hardin...	40	Flux for steel...	Steam.....	Machine and hand.



TABLE 2—PRODUCTION AND DISPOSITION OF PRODUCT, EXPLOSIVES USED, EMPLOYEES, DAYS WORKED, NUMBER INJURED.

Name of operator.	Production in tons.		Tons shipped to—			Ex-plosives.	Employees.	Days worked.	Number injured.	Fatais.
	Fluorspar.	Lead.	Points in Illinois.	Other states.	Foreign countries.	Dynamite—pounds.				
Aluminum Ore Company, 4 mines	14,458	-----	5,265	2,250	-----	60,000	65	240	1	..
Barnett-Ragesdale Mine	350	-----	200	-----	-----	500	5	97	-----	-----
Lawrence Boutwell	100	-----	-----	100	-----	700	4 to 12	-----	-----	-----
Crystal Fluorspar Company	5,725	-----	1,205	3,164	-----	4,634	34	79	-----	-----
Fred Cullum	40	-----	40	-----	-----	25	3	60	-----	-----
Dow Fluorspar Company	150	-----	150	-----	-----	200	4	200	-----	-----
Fluorspar Products Corp.	1,500	-----	-----	1,100	-----	2,000	-----	1	-----	-----
Gill Fisher Mining Company	-----	60	45	-----	-----	500	10	120	-----	-----
Hillside Fluorspar Mines	4,193	-----	717	5,366	-----	7,850	58	197a	2	..
Illinois Fluorspar & Lead Co.	87*	-----	45	42	-----	350	8	90	-----	-----
Knight, Knight & Clark	350	-----	1,000	-----	-----	500	15	60	-----	-----
E. A. Knupp	20	-----	-----	20	-----	90	2 to 6	90	-----	-----
C. C. Mackey	1,610	-----	-----	1,610	-----	1,000	8 to 16	281	5	..
Mahoning Mining Company	4,000†	-----	**	-----	-----	20,500	22	195	-----	-----
Fred L. O'Rear Mine	165	-----	144	21	-----	2,000	6	220	-----	-----
Rosiclare Lead & Fluorspar Mining Co.	17,200	-----	374	15,476	11	33,000	120a	250	3	..
Victory Fluorspar Mining Co.	500	-----	-----	422	-----	56,000	32	79	-----	-----
Beecher Williams & Bro. Mine	370	-----	370	-----	-----	4,000	3 to 40	200	6	..
Totals	50,818	60	9,555	29,571	11	193,849	427a	120b 146a	17	..

\*\* Used for experimental purposes.

\* Fluorspar and lead. (No distinction of tonnages made.)

† Lead, Zinc and Fluorspar. (No distinction of tonnages made.)

a Average.

b Average for lead operations 120 days.

## REPORT OF STATE MINING BOARD

The State Mining Board held examinations in April and September for the purpose of passing upon the qualifications of applicants for State Mine Inspector and in April, July, September and December for the examination of Mine Managers, First and Second Class, Mine Examiners and Steam and Electrical Hoisting Engineers.

The names and addresses of those passing the tests are as follows:

### STATE MINE INSPECTORS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Dixon, Clarence E.	Harrisburg	Saline	49	Illinois	Apr. 19	253
Faletto, Steve L.	Marseilles	LaSalle	42	Italy	Apr. 19	254
Ingerski, Stanley B.	Minonk	Woodford	61	Poland	Sept. 14	255
Maher, Edward	Lincoln	Logan	68	Illinois	Sept. 14	256
Rancilio, John	Herrin	Williamson	36	Illinois	Sept. 14	257
Samson, John	Springfield	Sangamon	46	Scotland	Sept. 14	258
Schmacker, John B.	Collinsville	Madison	63	Illinois	Sept. 14	259

### MINE MANAGERS—FIRST CLASS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Abrell, Clayton	Taylorville	Christian	39	Illinois	Apr. 19	1878
Allen, Henry	Gillespie	Macoupin	47	Scotland	Dec. 13	1885
Anderson, Robert R.	Gillespie	Macoupin	34	Illinois	July 12	1939
Archibald, Robert, Jr.	Gillespie	Macoupin	38	Illinois	July 12	1940
Bayless, Everett L.	Zeigler	Franklin	30	Illinois	Apr. 19	1879
Beard, Dwight	DuQuoin	Perry	25	Illinois	Apr. 19	1880
Beggs, Joe S.	Dowell	Jackson	35	Arkansas	Apr. 19	1881
Bernardini, William	Nokomis	Montgomery	36	Illinois	Apr. 19	1882
Biby, Guy	Royalton	Franklin	41	Illinois	Apr. 19	1883
Bitner, Glen E.	Canton	Fulton	32	Illinois	Dec. 13	1986
Boston, Matt, Jr.	Mt. Olive	Macoupin	29	Illinois	Apr. 19	1884
Bottomley, Martin Francis	Dowell	Jackson	34	Illinois	Apr. 19	1885
Bowker, Don	West Frankfort	Franklin	34	Illinois	Apr. 19	1886
Browning, Valie	Royalton	Franklin	43	Illinois	Apr. 19	1887
Burk, James Sheridan	Valer	Franklin	48	Tennessee	Apr. 19	1888
Butler, Joseph H.	West Frankfort	Franklin	43	Illinois	Apr. 19	1889
Campbell, James	Gillespie	Macoupin	38	Scotland	July 12	1941
Campbell, William Theodore	Morrisonville	Christian	32	Illinois	Sept. 14	1961
Carter, Everett W.	Springfield	Sangamon	43	Illinois	Apr. 19	1890
Cardoni, Victor	Riverton	Sangamon	40	Italy	Sept. 14	1962
Castleton, Claud M.	Elkville	Jackson	45	Illinois	Dec. 13	1987
Chapman, Claude Eugene	Staunton	Macoupin	35	Illinois	Sept. 14	1963
Charon, Joe L.	West Frankfort	Franklin	48	Missouri	Apr. 19	1891

## MINE MANAGERS—FIRST CLASS—Continued.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Chasco, Edward J.	Pawnee	Sangamon	33	Illinois	Dec. 13	1988
Cochran, Milton G.	Royalton	Franklin	40	Alabama	Apr. 19	1892
Conte, John A.	DuQuoin	Perry	28	Illinois	Apr. 19	1893
Cook, Pleasant Lee	Elkville	Jackson	34	Illinois	Dec. 13	1899
Dannis, Joseph	Staunton	Macoupin	44	Lithuania	Dec. 13	1900
Darling, Ira C.	Rushville	Schuyler	58	Ohio	Sept. 14	1969
Dewitt, Loyal	Farmington	Fulton	32	Illinois	Dec. 13	1991
Dignath, Emil	Springfield	Sangamon	37	Germany	July 12	1942
Ditto, Louis	Herrin	Williamson	35	Illinois	July 12	1943
Dodd, John	Peoria	Peoria	43	Illinois	Dec. 13	1992
Donaldson, William G.	Gillespie	Macoupin	29	Scotland	July 12	1944
Donnelly, Michael	Taylorville	Christian	43	Illinois	July 12	1945
Drake, Herbert G.	West Frankfort	Franklin	38	Illinois	Sept. 14	1965
Fairhall, William M.	Danville	Vermilion	28	Illinois	Apr. 19	1895
Faletto, Steve L.	Marseilles	LaSalle	42	Italy	July 12	1946
Faralli, Camillo	Farmington	Fulton	38	Italy	Apr. 19	1896
Fizel, John	Thompsonville	Franklin	36	Hungary	Sept. 14	1967
Flatt, Clyde	Christopher	Franklin	42	Illinois	Sept. 14	1897
Flatt, Walter L.	Christopher	Franklin	42	Illinois	Apr. 19	1897
Foster, John J.	Taylorville	Christian	38	Kansas	Apr. 19	1898
Galeener, Percy	Eldorado	Saline	24	Illinois	July 12	1947
Hampton, Ronald	Christopher	Franklin	33	Illinois	Apr. 19	1899
Haney, George Donald	Taylorville	Christian	27	Albama	Apr. 19	1900
Harriman, George W.	Valier	Franklin	49	Arkansas	Sept. 14	1968
Harris, Eugene	Belleville	St. Clair	33	Illinois	Apr. 19	1901
Harris, William J.	Auburn	Sangamon	30	Illinois	Dec. 13	1993
Hays, Ira R.	Zeigler	Franklin	34	Illinois	Dec. 13	1994
Holland, Ben F.	DuQuoin	Perry	37	Kentucky	Dec. 13	1995
Hurst, Artie M.	Royalton	Franklin	39	Arkansas	Apr. 19	1902
Hutchens, Andy W.	Benton	Franklin	31	Illinois	Apr. 19	1903
Ingerski, Stanley B.	Minonk	Woodford	61	Poland	Apr. 19	1904
Inglett, Harry	West Frankfort	Franklin	36	Illinois	Dec. 13	1996
Ison, John M.	Elkville	Jackson	35	Illinois	Apr. 19	1905
Johnson, William J.	Christopher	Franklin	46	Illinois	Apr. 19	1906
Johnstone, Robert	Mt. Olive	Macoupin	33	Scotland	Apr. 19	1907
Jones, Howard	DuQuoin	Perry	36	Illinois	Apr. 19	1908
Juris, George	Taylorville	Christian	33	Illinois	July 12	1948
Kaufman, Frank	Gillespie	Macoupin	40	Missouri	Dec. 13	1987
Keene, Dale	DuQuoin	Perry	27	Illinois	Apr. 19	1909
Keene, James Luther	Danville	Vermilion	68	Indiana	Sept. 14	1969
Keown, Wesley Ruby	Eldorado	Saline	30	Illinois	Sept. 14	1970
Kerr, George	Fairbury	Livingston	58	Illinois	Sept. 14	1971
Keupper, Hugo W.	Gillespie	Macoupin	47	Illinois	Dec. 13	1998
Lairsey, John (Pat)	Benton	Franklin	48	Illinois	Sept. 14	1972
Lanxon, Walter	Belleville	St. Clair	60	Illinois	Apr. 19	1910
Lawrence, Harry	Bush	Williamson	38	Illinois	Dec. 13	1999
Leach, Frank	Springfield	Sangamon	34	Illinois	Sept. 14	1973
LeCount, Cleo	Taylorville	Christian	30	Illinois	Apr. 19	1894
Leek, Frank, Jr.	Elkville	Jackson	44	Illinois	Dec. 13	2000
Leonhardt, Fred William	Mt. Olive	Macoupin	43	Illinois	July 12	1949
McAllister, Eugene E.	DuQuoin	Perry	25	Illinois	Dec. 13	2001
McCollum, Carl E.	Elkville	Jackson	25	Illinois	Dec. 13	2002
McCormick, Clarence	DuQuoin	Perry	26	Illinois	Apr. 19	1911
McCrary, Wilbur	West Frankfort	Franklin	36	Illinois	Apr. 19	1912
Meeker, Everett	Danville	Vermilion	40	Illinois	Apr. 19	1913
Moore, Willis W.	Harrisburg	Saline	48	Indiana	Apr. 19	1914
Morris, Leslie E.	DuQuoin	Perry	39	Illinois	Apr. 19	1915
Morris, Vernon	West Frankfort	Franklin	30	Illinois	July 12	1950
Morrow, Roy	Tamara	Perry	34	Illinois	Dec. 13	2003
Moss, Glenn	Havana	Mason	48	Illinois	Sept. 14	1974
Mullen, Edward	Springfield	Sangamon	32	Scotland	Sept. 14	1975
Newton, Herbert Harold	Wyoming	Stark	38	Illinois	Apr. 19	1916
Nolan, Carl V.	Marissa	St. Clair	41	Tennessee	July 12	1951
Nowaske, Felix	Christopher	Franklin	30	Illinois	Apr. 19	1917
O'Neal, Elmer A.	Staunton	Macoupin	32	Illinois	Apr. 19	1918
Oney, Wick	Wyoming	Stark	40	Kentucky	Sept. 14	1976
O'Rourke, James	Matherville	Mercer	56	Scotland	July 12	1953
Parks, Henry A.	Galatia	Saline	37	Illinois	Apr. 19	1919
Peat, John	Taylorville	Christian	44	England	Apr. 19	1920
Penn, Robert B.	Taylorville	Christian	43	Illinois	Apr. 19	1921
Perdue, John D.	DuQuoin	Perry	35	Indiana	Apr. 19	1922
Ramsey, Carl	Kincaid	Christian	30	Illinois	Sept. 14	1977
Rancilio, John	Herrin	Williamson	36	Illinois	Apr. 19	1923
Rentfro, Edward V.	Johnston City	Williamson	55	Illinois	July 12	1952

## MINE MANAGERS—FIRST CLASS—Concluded.

Name.	Post office.	County.	Age.	Birthplace.	Date of exam-ination.	Number of cer-tificate.
Richter, Carl	Royalton	Franklin	30	Germany	Apr. 19	1924
Ridley, William	Taylorville	Christian	38	Kansas	Apr. 19	1925
Robertson, Samuel, Jr.	Gillespie	Macoupin	33	Scotland	July 12	1954
Rucker, Ivan	Georgetown	Vermilion	35	Illinois	Sept. 14	1978
Schultz, William Carl	Christopher	Franklin	37	Germany	Apr. 19	1926
Sharp, Edward	Benton	Franklin	40	England	Sept. 14	1979
Siddens, James Butler	Eldorado	Saline	42	Illinois	Sept. 14	1980
Slimack, Joe	West Frankfort	Franklin	34	Pennsylvania	Apr. 19	1927
Starks, Lloyd G.	Taylorville	Christian	29	Illinois	Apr. 19	1928
Starks, N. A.	West Frankfort	Franklin	53	Illinois	Apr. 19	1929
Stedman, Donald E.	Taylorville	Christian	29	Illinois	Apr. 19	1930
Stocks, Everett	Herrin	Williamson	36	Illinois	Dec. 13	2004
Stockton, G. E.	Tamaroa	Perry	43	Illinois	Apr. 19	1931
Stroup, Robert O.	Brooklyn	Schuyler	36	Missouri	Apr. 19	1932
Stucker, William H.	Herrin	Williamson	42	Illinois	Dec. 13	2005
Stump, Cad C.	Harrisburg	Saline	44	Ohio	July 12	1955
Thomas, Edward	Vincennes, Ind.	Knox	34	Pennsylvania	Apr. 19	1933
Thomas, George William	Valier	Franklin	59	Illinois	Sept. 14	1981
Thomas, Richard H.	Danville	Vermilion	61	Maryland	Dec. 13	2006
Tellier, Clement	Danville	Vermilion	28	Illinois	July 12	1956
Terrell, Carl E.	Glasford	Peoria	37	Illinois	July 12	1957
Ulz, Conrad, Jr.	Gillespie	Macoupin	33	Austria	Dec. 13	2007
Valentine, Don C.	Rushville	Schuyler	52	Illinois	July 12	1958
Van Winkle, Richard C.	Taylorville	Christian	31	Indiana	Apr. 19	1934
Veatch, George	Harrisburg	Saline	49	Illinois	Apr. 19	1935
Walker, Robert Vaughn	Catlin	Vermilion	31	Illinois	Sept. 14	1982
Walker, William J.	Mt. Olive	Macoupin	36	Illinois	Apr. 19	1936
Wear, William B.	Westville	Vermilion	25	Illinois	July 12	1959
Weddle, George	Pawnee	Christian	45	Missouri	July 12	1960
Whittington, Arthur	Whittington	Franklin	42	Illinois	Apr. 19	1937
Wilcox, Harold	Athens	Menard	38	Illinois	Sept. 14	1983
Will, Roy S.	West Frankfort	Franklin	38	Illinois	Sept. 14	1984
Williams, Elmos	Zeigler	Franklin	37	Illinois	Apr. 19	1938

## MINE MANAGER—SECOND CLASS.

Name.	Post office.	County.	Age.	Birthplace.	Date of exam-ination.	Number of cer-tificate.
Adams, William	Freeburg	St. Clair	46	Illinois	Dec. 12	1471
Allen, Marvin Lester	Pittsburg	Williamson	47	Illinois	Sept. 13	1445
Andrews, James	Oak Hill	Peoria	53	Illinois	Apr. 18	1419
Austin, Namon	Danville	Vermilion	48	Alabama	Dec. 12	1472
Bales, Fay	Danville	Vermilion	31	Illinois	Apr. 18	1420
Baxter, Ruby Thomas	Peoria	Peoria	35	Illinois	July 11	1438
Blakeney, Shirley	Westville	Vermilion	39	Illinois	Sept. 13	1446
Blue, Loyd	Grape Creek	Vermilion	39	Illinois	Sept. 13	1447
Bondi, Frank	Peoria	Peoria	55	Italy	Sept. 13	1448
Branson, Cloy C.	Ipava	Fulton	38	Illinois	Dec. 12	1473
Brooks, Clyde	Junction	Gallatin	30	Illinois	July 11	1439
Brown, Ira	Ellisville	Fulton	32	Illinois	Dec. 12	1474
Burgoyne, Glen	Danville	Vermilion	31	Illinois	Sept. 13	1449
Burns, Edward H.	Belleville	St. Clair	28	Illinois	Apr. 18	1421
Calhoun, Eldon F.	Princeville	Peoria	26	South Dakota	Apr. 18	1422
Chester, Everett	Marion	Williamson	55	Kentucky	Sept. 13	1450
Chockley, Glen	Industry	McDonough	39	Illinois	Dec. 12	1475
Cleavinger, Jeffie	Littleton	Schuyler	26	Illinois	Dec. 12	1476
Conger, Miletus Talmadge	Harrisburg	Saline	51	Ohio	Sept. 13	1451
Cupi, Mardell	Peoria	Peoria	24	Illinois	July 11	1440
Dawson, Lawrence F.	Oak Hill	Peoria	27	Illinois	Apr. 18	1423
Davis, Melvin W.	Sparland	Marshall	32	Illinois	Dec. 12	1477
Deprett, Emile	Tilton	Vermilion	36	Missouri	Sept. 13	1452
Dewitt, Loyal	Farmington	Fulton	32	Illinois	Sept. 13	1453
Dowiatt, P. J., Jr.	Westville	Vermilion	42	Illinois	Sept. 13	1454
Gobin, George	Equality	Gallatin	27	Kentucky	Dec. 12	1478
Hansbrough, John Richard	Catlin	Vermilion	47	Illinois	Sept. 13	1455
Hinds, Ezra	Petersburg	Menard	58	Illinois	Apr. 18	1424
Hinton, Carol C.	Junction	Gallatin	34	Kentucky	July 11	1441

## MINE MANAGERS—SECOND CLASS—Concluded.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Houston, George	Elkville	Jackson	43	Illinois	Apr. 18	1425
Hundley, Charles	De Soto	Jackson	49	Illinois	Dec. 12	1479
Hunt, Bert	Danville	Vermilion	40	Illinois	July 11	1442
Hunt, Willis H.	Sparland	Marshall	31	Illinois	Dec. 12	1480
Ireland, Fred L.	Danville	Vermilion	27	Missouri	Apr. 18	1427
Johnson, Vergil	Wyoming	Stark	38	Illinois	Apr. 18	1426
Jones, John W.	Ray	Schuyler	41	Illinois	Dec. 12	1481
Keller, Allie	Marion	Williamson	45	Illinois	Sept. 13	1456
Kellum, Frennie	Littleton	Schuyler	43	Illinois	Dec. 12	1482
Kinnamon, Ray E.	Ipava	Fulton	46	Illinois	Dec. 12	1483
Knecht, George P.	Belleville	St. Clair	48	Illinois	Sept. 13	1457
Lambert, Marvin J.	DuQuoin	Perry	61	New York	Apr. 18	1428
Lauder, Fern B.	Marion	Williamson	38	Illinois	Sept. 13	1458
Letanovski, Mike, Jr.	Streator	La Salle	43	Hungary	Sept. 13	1460
Lete, Homer Frank	Danville	Vermilion	29	Illinois	Sept. 13	1459
Lyle, Max	Kewanee	Henry	33	Iowa	Dec. 12	1484
McArdle, Frank	Danville	Vermilion	24	Illinois	Sept. 13	1461
McMillan, Leon E.	Industry	McDonough	27	Missouri	Dec. 12	1485
McNail, Cleve	Marion	Williamson	48	Illinois	Sept. 13	1462
Maras, Emil	Petersburg	Menard	26	Kansas	Sept. 13	1463
Martin, Leonard	Edwardsville	Peoria	39	Illinois	Apr. 18	1429
Martin, Walter	Danville	Vermilion	33	Illinois	Sept. 13	1464
Mauck, Harry	Danville	Vermilion	35	Illinois	Sept. 13	1465
Miller, George	Georgetown	Vermilion	33	Illinois	Dec. 12	1486
Miller, George W.	Peoria	Peoria	38	Illinois	Apr. 18	1430
Morgan, George	Danville	Vermilion	34	Illinois	Dec. 12	1487
Nell, Hallie	Rushville	Schuyler	28	Illinois	Sept. 13	1466
Neverdowsky, Charlie, Jr.	Tilton	Vermilion	32	Lithuania	Apr. 18	1431
Oney, Wick	Wyoming	Stark	40	Kentucky	Apr. 18	1432
Piercy, Robert	Auburn	Sangamon	51	England	Dec. 12	1488
Poole, George	Princeville	Peoria	47	Illinois	Apr. 18	1433
Prevost, Victor	Westville	Vermilion	27	Utah	July 11	1444
Pribble, William	Canton	Fulton	55	Indiana	Apr. 18	1434
Pryce, Richard	Coal Valley	Rock Island	30	Illinois	Sept. 13	1467
Pulley, Guy	Marion	Williamson	47	Illinois	Apr. 18	1435
Ramsey, Marion	Danville	Vermilion	53	Illinois	Sept. 13	1468
Roberts, William	Westville	Vermilion	42	Illinois	Sept. 13	1469
Salisbury, Walter	Clayton	Adams	57	Illinois	Dec. 12	1489
Shaw, Orville	Sheffield	Bureau	36	Illinois	Dec. 12	1492
Stecker, Fred	White Hall	Greene	38	Illinois	Dec. 12	1490
Strickland, W. D.	Maquon	Knox	45	Alabama	Apr. 18	1436
Stunson, Jess	Harrisburg	Saline	42	Illinois	Apr. 18	1437
Sturm, Jesse	Bradford	Stark	37	Illinois	Dec. 12	1491
Travin, Clinton	Havana	Mason	52	Kentucky	Dec. 12	1493
Traynor, Joseph	Canton	Fulton	44	Ohio	Dec. 12	1494
Vancil, Joseph H.	De Soto	Jackson	41	Illinois	Dec. 12	1495
Voges, Herman A.	Bunker Hill	Macoupin	37	Illinois	Apr. 18	1496
Wallace, Everett E.	Danville	Vermilion	34	Illinois	July 11	1443
Wilson, Chas Alexander	Colchester	McDonough	35	Illinois	Sept. 13	1470

## MINE EXAMINERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Aken, Lyman C.	Elkville	Jackson	30	Illinois	Dec. 12	2494
Alexander, Harry	Harrisburg	Saline	28	Illinois	Sept. 13	2446
Allan, James H.	Gillespie	Macoupin	38	Scotland	Dec. 12	2495
Allen, Henry	Gillespie	Macoupin	47	Scotland	Sept. 13	2447
Anderson, Robert R., Jr.	Macoupin	Macoupin	33	Illinois	Apr. 18	2355
Applegate, James A.	Springfield	Sangamon	43	Illinois	Apr. 18	2356
Archibald, Robert	Gillespie	Macoupin	38	Illinois	Apr. 18	2357
Ashby, Raburn	West Frankfort	Franklin	38	Illinois	Dec. 12	2496
Atwood, Rollie M.	Danville	Vermilion	32	Illinois	Apr. 18	2358
Baker, Jesse	Harco	Saline	31	Illinois	Apr. 18	2359
Banovz, Andy	Sesser	Franklin	42	Pennsylvania	Apr. 18	2360
Barras, William	Johnston City	Williamson	24	Illinois	Apr. 18	2361
Beine, Fred W.	New Baden	Clinton	47	Missouri	Apr. 18	2362
Bennett, John W.	Eldorado	Saline	26	Illinois	Dec. 12	2497
Berry, William E., Jr.	Springfield	Sangamon	28	Illinois	Apr. 18	2363

## MINE EXAMINERS—Continued.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Bianchini, Angelo	Christopher	Franklin	35	Italy	Apr. 18	2364
Bioni, Philip	Herrin	Williamson	41	New Mexico	Apr. 18	2365
Bovinet, Othal D	Carrier Mills	Saline	32	Illinois	Dec. 12	2498
Boyet, Kenneth	Harco	Saline	25	Illinois	Sept. 13	2448
Bright, Valley	Valier	Franklin	33	Ohio	July 11	2439
Browning, Chester W	Zeigler	Franklin	21	Illinois	Dec. 12	2499
Calvert, Troy	Carterville	Williamson	42	Illinois	Dec. 12	2500
Campbell, James	Gillespie	Macoupin	38	Scotland	Apr. 18	2366
Cardwell, Loy H.	West Frankfort	Franklin	33	Illinois	Apr. 18	2367
Carnduff, Edward	Springfield	Sangamon	48	Illinois	Apr. 18	2368
Carr, Edward	Johnston City	Williamson	57	England	Apr. 18	2369
Chancey, William	Benton	Franklin	35	Illinois	Apr. 18	2370
Chastain, Costella	Sesser	Franklin	32	Arkansas	Apr. 18	2371
Clark, Lavern	Elkville	Jackson	24	Illinois	Dec. 12	2501
Clem, Cecil	West Frankfort	Franklin	28	Illinois	Apr. 18	2372
Coffel, Jess	DuQuoin	Perry	36	Illinois	Apr. 18	2373
Conner, Edward	Zeigler	Franklin	39	Indiana	Sept. 13	2449
Cook, Arlie N	Ina	Jefferson	33	Illinois	Apr. 18	2374
Craig, Eugene	Harrisburg	Saline	31	Illinois	Sept. 13	2450
Crow, Arthur	Eldorado	Saline	31	Illinois	Sept. 13	2375
Dannis, Joseph	Stanton	Macoupin	43	Kentucky	Apr. 18	2376
Davenport, Charles	Hurst	Williamson	34	Lithuania	Sept. 13	2451
Davis, Pinkie	West Frankfort	Franklin	38	Illinois	Apr. 18	2376
Dempsey, Henry	Harrisburg	Saline	28	Illinois	Dec. 12	2502
Devine, Charles	Harrisburg	Saline	48	Illinois	Apr. 18	2377
Dignath, Emil	Springfield	Sangamon	32	Illinois	Sept. 13	2452
Dobbins, John	Johnston City	Williamson	37	Germany	Apr. 18	2378
Donaldson, Kenneth	Gillespie	Williamson	36	Illinois	Apr. 18	2379
Donaldson, Roy	Harco	Macoupin	29	Illinois	Dec. 12	2503
Donaldson, William G	Harco	Saline	29	Kentucky	Apr. 18	2380
Doty, Ransom C.	Gillespie	Macoupin	19	Scotland	Apr. 18	2381
Dozier, George Dewey	Benton	Franklin	32	Illinois	Sept. 13	2453
Dunn, Buster	West Frankfort	Franklin	38	Kentucky	Dec. 12	2504
Eandi, Fred	Harrisburg	Saline	30	Illinois	Sept. 13	2454
Elliott, Sherman, Jr	Springfield	Sangamon	46	Italy	Apr. 18	2382
Faro, Clarence	West Frankfort	Franklin	21	Alabama	Dec. 12	2505
Fizel, John	Harco	Saline	25	Illinois	Sept. 13	2455
Foster, Richard	Zeigler	Franklin	36	Hungary	Apr. 18	2383
Fravell, Roy C.	Harrisburg	Saline	25	Illinois	Sept. 13	2456
Fuller, Gordon	Orient	Franklin	35	Illinois	Apr. 18	2384
Frey, Theodore J.	Catlin	Vermilion	28	Illinois	Sept. 13	2457
Galines, Tony	Gillespie	Macoupin	36	Illinois	Dec. 12	2506
Galloway, Leonard C.	Herrin	Williamson	36	Pennsylvania	Sept. 13	2458
Gill, Elmo	West Frankfort	Franklin	36	Alabama	Dec. 12	2507
Golliher, W. H.	Zeigler	Franklin	29	Illinois	Sept. 13	2459
Gray, William	Harco	Saline	34	Illinois	Sept. 13	2460
Griffith, George D.	Pana	Christian	50	Scotland	Dec. 12	2508
Hale, Elbert	West Frankfort	Franklin	32	Illinois	Apr. 18	2385
Harker, Vern	Harco	Saline	22	Illinois	Sept. 13	2461
Harris, Creel	Harco	Saline	27	Illinois	Sept. 13	2462
Harris, William J.	Johnston City	Williamson	41	Illinois	Apr. 18	2386
Hartwell, William Leslie	Auburn	Sangamon	30	Illinois	Sept. 13	2463
Heape, Lester	Marion	Williamson	36	Illinois	Sept. 13	2464
Heron, Charles Otis	Tamaroa	Perry	31	Illinois	Dec. 12	2509
Hicks, John	Christopher	Franklin	37	Illinois	Apr. 18	2387
Higginson, Cleo	Taylorville	Christian	22	Illinois	Apr. 18	2388
Hiscox, Frank Jr	Valier	Franklin	41	Illinois	Apr. 18	2389
Hodges, John Mitchell	West Frankfort	Franklin	23	Illinois	Apr. 18	2390
Holland, Ben F.	Herrin	Williamson	33	Illinois	Sept. 13	2465
Jackson, Ernest C	DuQuoin	Perry	36	Kentucky	Apr. 18	2391
Jackson, Jerome M	Taylorville	Christian	30	Illinois	Apr. 18	2392
Johns, Joe	DuQuoin	Perry	44	Illinois	Apr. 18	2393
Johnson, Ferrel	Carrier Mills	Saline	28	Kentucky	Apr. 18	2394
Jones, Paul	Harco	Saline	28	Illinois	Sept. 13	2466
Kaufhoff, Roy Pete	Tilden	Randolph	33	Illinois	Apr. 18	2437
Kaufman, Frank	Herrin	Williamson	47	Bulgaria	Dec. 12	2510
Kerar, Rudolph	Gillespie	Macoupin	39	Missouri	Sept. 13	2467
Keupper, Hugo W	Springfield	Sangamon	24	Kansas	Sept. 13	2468
Knight, Virgil	Gillespie	Macoupin	47	Illinois	Sept. 13	2469
Knox, George A.	Harco	Saline	24	Illinois	Sept. 13	2470
Kuhnke, William	Hillsboro	Montgomery	44	Illinois	July 11	2445
Land, Gordon C.	Royalton	Franklin	42	Germany	Apr. 18	2436
Lannom, Everett	West Frankfort	Franklin	24	Illinois	Dec. 12	2511
Lawrence, Harry	Johnston City	Williamson	31	Illinois	Apr. 18	2395
Leach, Frank	Bush	Williamson	38	Illinois	Apr. 18	2396
Leonhardt, Fred W	Springfield	Sangamon	34	Illinois	Apr. 18	2397
	Mt. Olive	Macoupin	42	Illinois	Apr. 18	2398

## MINE EXAMINERS—Continued.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Lowe, Harry, Jr.	Witt	Montgomery	39	England	Sept. 13	2471
McAllister, Eugene E.	DuQuoin	Perry	24	Illinois	Apr. 18	2400
McAnnally, Harvey A.	Marion	Williamson	40	Illinois	Apr. 18	2417
McCollum, Carl	Elkville	Jackson	25	Illinois	Apr. 18	2401
McDonald, John	Benld	Macoupin	38	Scotland	Apr. 18	2399
McGovern, Anthony F.	Benton	Franklin	34	Pennsylvania	Apr. 18	2402
McNab, William T.	Harrisburg	Saline	47	Indiana	Apr. 18	2403
McPhail, George	West Frankfort	Franklin	31	Pennsylvania	Sept. 13	2472
McReaken, C. D.	West Frankfort	Franklin	33	Illinois	Dec. 12	2513
Malone, Albert	Harrisburg	Saline	31	Illinois	Sept. 13	2473
Manker, Virgil	Galatia	Saline	33	Illinois	Apr. 18	2404
Martin, Marshall	Odin	Marion	38	Illinois	Apr. 18	2438
Mercer, Alfred	Tamaroa	Perry	35	Kansas	Dec. 12	2512
Morrow, Roy	Tamaroa	Perry	33	Illinois	Apr. 18	2405
Mullen, Edward	Springfield	Sangamon	32	Scotland	July 11	2440
Mygatt, Marion	Herrin	Williamson	26	Illinois	Sept. 13	2474
Neal, Paul	Benton	Franklin	26	Illinois	Sept. 13	2475
Neuman, Joseph A.	Taylorville	Christian	48	Illinois	Apr. 18	2406
Newberry, Orval	Valier	Franklin	31	Tennessee	Apr. 18	2407
Newcom, Richard	Herrin	Williamson	32	Kentucky	Sept. 13	2476
Norman, Roger	Harrisburg	Saline	46	Illinois	Apr. 18	2408
Oates, Elbert	Johnston City	Williamson	36	Kentucky	Apr. 18	2409
O'Brien, Edward V.	Danville	Vermilion	25	Illinois	Sept. 13	2477
Odle, Marion	West Frankfort	Franklin	31	Illinois	Sept. 13	2478
Odum, Will	Carrier Mills	Saline	48	Illinois	Dec. 12	2514
O'Neill, Thomas Ray	West Frankfort	Franklin	38	Illinois	Sept. 13	2479
Pflugbeil, Alvin	Collinsville	Madison	40	Illinois	July 11	2441
Piemister, Floyd	Herrin	Williamson	36	Illinois	Dec. 12	2515
Pierce, Silas Opal	Royalton	Franklin	41	Illinois	Apr. 18	2410
Price, Franklin	Gillespie	Macoupin	32	Iowa	Dec. 12	2516
Pyles, Clyde	Royalton	Franklin	34	Illinois	Dec. 12	2517
Quoss, Gustaf	Royalton	Franklin	34	Germany	Apr. 18	2411
Ragan, Arthur C.	West Frankfort	Franklin	42	Tennessee	Apr. 18	2412
Ralston, Edgar	Harco	Saline	36	Illinois	Dec. 12	2518
Ramsey, Carl L.	Kincaid	Christian	30	Illinois	July 11	2442
Ray, Carrell	Royalton	Franklin	43	Illinois	Apr. 18	2413
Redfean, Gene	West Frankfort	Franklin	27	Illinois	Dec. 12	2519
Redfern, Clarence	West Frankfort	Franklin	37	Illinois	Dec. 12	2520
Richards, Wilburn	Franklin	Benton	54	Illinois	Apr. 18	2414
Roach, Ralph	DuQuoin	Perry	29	Illinois	Dec. 12	2521
Robertson, Samuel, Jr.	Gillespie	Macoupin	33	Scotland	Apr. 18	2415
Rodenbush, K. M.	Christopher	Franklin	27	Illinois	Dec. 12	2522
Rolla, Joe	Buckner	Franklin	27	Pennsylvania	Apr. 18	2416
Rucker, Ivan L.	Georgetown	Vermilion	35	Illinois	Apr. 18	2418
Rutherford, Edward	Cartersville	Williamson	30	Illinois	Apr. 18	2419
Ruttle, Alex.	Springfield	Sangamon	42	Pennsylvania	Apr. 18	2420
Saylor, Alex.	Valier	Franklin	38	Ohio	Apr. 18	2421
Scott, Robert Stacy	Tovey	Christian	39	Oklahoma	Sept. 13	2480
Shanders, John	Royalton	Franklin	36	Austria	Dec. 12	2523
Shaw, John	Benton	Franklin	34	Illinois	Sept. 13	2481
Short, William, Jr.	Christopher	Franklin	38	England	Sept. 13	2482
Siddens, James B.	Eldorado	Saline	42	Illinois	Apr. 18	2422
Shymanik, Leo J.	West Frankfort	Franklin	33	Indiana	Dec. 12	2524
Skosey, John	Benld	Macoupin	34	Ohio	Dec. 12	2525
Smith, George E.	Marion	Williamson	44	Tennessee	Apr. 18	2423
Spiller, Fred A.	Dowell	Jackson	35	Illinois	Dec. 12	2526
Stewart, Jewel	Benton	Franklin	35	Illinois	Apr. 18	2424
Stocks, Everett	Herrin	Williamson	35	Illinois	Sept. 13	2483
Stroup, Robert O.	Brooklyn	Schuyler	37	Missouri	July 11	2443
Stucker, William Henry	Herrin	Williamson	42	Illinois	Sept. 13	2484
Taake, Herbert F.	Benton	Franklin	29	Illinois	Apr. 18	2425
Taylor, Henry G.	Cartersville	Williamson	39	Illinois	Apr. 18	2426
Tellier, Clement E.	Danville	Vermilion	28	Illinois	Apr. 18	2427
Tisdale, Paul	Benton	Franklin	26	Indiana	Apr. 18	2428
Tucker, Reuben	Harco	Saline	24	Missouri	Sept. 13	2485
Turchi, John	West Frankfort	Franklin	30	Indiana	Apr. 18	2429
Updegraff, Darrell	Taylorville	Christian	36	Illinois	Dec. 12	2527
Van Zandt, Oran	Orient	Franklin	46	Illinois	Dec. 12	2528
Vaughn, Seelye	Harrisburg	Saline	33	Illinois	July 11	2444
Wagner, John Emil	Harrisburg	Saline	28	Illinois	Sept. 13	2486
Walker, Raleigh	Benton	Franklin	33	Illinois	Sept. 13	2487
Walker, Robert V.	Catlin	Vermilion	31	Illinois	Apr. 18	2430
Webb, Albert David	Harrisburg	Saline	37	Kentucky	Sept. 13	2488
Whaley, Aden	Mulkeytown	Franklin	30	Illinois	Apr. 18	2431
Whitehouse, Henry	Gillespie	Macoupin	32	Illinois	Dec. 12	2529

## MINE EXAMINERS—Concluded.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Wilkerson, Orval	Benton	Franklin	42	Illinois	Apr. 18	2434
Williams, John	Zeigler	Franklin	34	Illinois	Sept. 13	2489
Williams, Loyd	Zeigler	Franklin	35	Illinois	Apr. 18	2432
Willis, A. C.	West Frankfort	Franklin	37	Illinois	Apr. 18	2433
Wilson, Forest	Harco	Saline	35	Illinois	Sept. 13	2490
Wilson, Harry	Harco	Saline	24	Missouri	Sept. 13	2491
Wronowski, Albert	Eldorado	Saline	50	Poland	Apr. 18	2435
Yates, Ray W.	Zeigler	Franklin	29	Illinois	Sept. 13	2492
Zarat Anthony	Zeigler	Franklin	42	Poland	Dec. 12	2530

## STEAM HOISTING ENGINEERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Ackerman, Robert	Staunton	Macoupin	45	Illinois	Apr. 18	782
Aimone, William F.	Staunton	Macoupin	36	Illinois	Apr. 18	783
Bolls, Francis Xavier	Auburn	Sangamon	24	Illinois	Sept. 13	801
Cokenour, William H.	Rushville	Schuyler	27	Illinois	Apr. 18	784
Deadmond, Lee C.	Centralia	Marion	39	Illinois	Apr. 18	785
Fetgatter, L. M.	Centralia	Marion	38	Illinois	Apr. 18	786
Fisher, Ralph	Centralia	Marion	35	Illinois	Apr. 18	787
Garrington, John James	Gillespie	Macoupin	32	England	Dec. 12	808
Gore, Edward, Jr.	Sandoval	Marion	22	Illinois	Apr. 18	788
Gregor, Joseph, Jr.	Edwardsville	Madison	21	Illinois	Apr. 18	789
Guysbiek, Edward F.	Paris	Edgar	26	Illinois	Apr. 18	790
Heape, Sherman	Elkville	Jackson	44	Illinois	Sept. 13	802
Hieronymous, Henry C.	Nokomis	Montgomery	54	Illinois	July 11	799
Kirkendall, Clinton	Elbridge	Gardner	47	Illinois	Sept. 13	803
Ledak, Andrew	Gardner	Grundy	28	Illinois	Apr. 18	791
Lemay, Ernest	Marion	Williamson	34	Illinois	Sept. 13	804
McCormick, Elwood	Duquoin	Perry	23	Illinois	Apr. 18	792
Milano, Dominick	Odin	Marion	23	Illinois	Apr. 18	793
Marra, Edward Richard	Staunton	Macoupin	38	South America	July 11	800
Owens, Paul	Danville	Vermilion	23	Indiana	Sept. 13	805
Pope, Allan Lewis	Rutland	Marshall	34	Illinois	Sept. 13	806
Price, Lee	Mulkeytown	Franklin	33	Illinois	Apr. 18	794
Purdy, Robert	Sawyer ville	Macoupin	41	Illinois	Dec. 12	809
Smith, Clair	Marion	Williamson	34	Illinois	Sept. 13	807
Smith, Earl H.	Royalton	Franklin	40	Illinois	Apr. 18	795
Tenenbaum, Aaron	Belleville	St. Clair	21	Illinois	Apr. 18	796
Troeger, L. H.	Staunton	Macoupin	55	Illinois	Apr. 18	797
Vinchart, Charles F.	Coulterville	Randolph	31	Illinois	Dec. 12	810
Van Marion Edward	DuQuoin	Perry	25	Illinois	Apr. 18	798
Webb, Ernest	Christopher	Franklin	35	Illinois	Dec. 12	811
Yancik, Joseph J.	Mt. Olive	Macoupin	39	Austria	Dec. 12	812



## ELECTRICAL HOISTING ENGINEERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of exam-ination.	Number of cer-tificate.
Adams, Harold C.	Christopher	Franklin	36	Illinois	Apr. 18	567
Capstick, Edward W.	Springfield	Sangamon	45	Illinois	Dec. 12	590
Chapman, John Ralph	West Frankfort	Franklin	43	Illinois	Sept. 13	587
Campbell, David L.	Coal City	Grundy	37	Illinois	Apr. 18	568
Carver, Henry F.	Riverton	Sangamon	42	Illinois	Apr. 18	569
Dawkins, Raymond G.	Mt. Olive	Macoupin	35	Illinois	Apr. 18	570
Denkert, Albert H.	Springfield	Sangamon	34	Illinois	Apr. 18	571
Dodd, Wilbur John	Peoria	Peoria	25	Illinois	Apr. 18	572
Douglas, Samuel Carl	Taylorville	Christian	49	Ohio	Apr. 18	573
Griffith, Herbert	Springfield	Sangamon	56	Illinois	July 11	582
Harriss, Lawrence H.	Elkville	Jackson	29	Illinois	Apr. 18	574
Killian, Herman, Jr.	Mascoutah	St. Clair	33	Illinois	Apr. 18	575
Kinder, Lester M.	Troy	Madison	57	Illinois	July 11	583
Krug, Reinhardt E.	Christopher	Franklin	36	Illinois	Apr. 18	576
Lawless, John T.	Springfield	Sangamon	31	Illinois	Dec. 12	591
Lemay, Ernest	Marion	Williamson	35	Illinois	Dec. 12	592
Lewis, Effie F.	Johnston City	Williamson	43	Illinois	Apr. 18	578
McLauchlan, Frank	Staunton	Macoupin	39	Illinois	Apr. 18	577
McLauchlan, George C.	Staunton	Macoupin	60	England	July 11	584
Phillips, David	Herrin	Williamson	32	Illinois	Sept. 13	588
Roseberry, William						
Tiffany	Springfield	Sangamon	33	Illinois	Sept. 13	589
Scherer, Ralph	Mascoutah	St. Clair	26	Illinois	Apr. 18	579
Schultz, George	Belleville	St. Clair	23	Illinois	Apr. 18	580
Stock, Robert	Troy	Madison	40	Illinois	July 11	585
Smith, Clair	Marion	Williamson	34	Illinois	Dec. 12	593
Vanus, Florent	Christopher	Franklin	37	Illinois	Apr. 18	581
Yates, Charles	Divernon	Sangamon	48	North Carolina	July 11	586

## PERMIT TO OPERATE SECOND MOTION STEAM ENGINES.

Name.	Post office.	County.	Age.	Birthplace.	Date of per-mit.	Number of per-mit.
Baker, George	Alexis	Warren	45	Illinois	July 27	464
Bird, Paul C.	Pinckneyville	Perry	21	Illinois	Mar. 9	461
Bowen, Wayne	Sparta	Randolph	33	Illinois	Nov. 1	471
Brandis, Steve	Ashland	Cass	58	Austria	Feb. 17	461
Buhl, Noah H.	Peoria	Peoria	42	Virginia	Sept. 9	467
Goetting, William	Sparta	Randolph	42		July 27	465
Grah, Henry	Willisville	Perry	46	Illinois	Feb. 14	460
Gray, Wiley A.	Elkville	Jackson	48	Illinois	Nov. 30	474
Martie, Clyde	Elkville	Jackson	21	Illinois	Nov. 16	472
Monbrun, Lawrence	Coal City	Grundy	39	Illinois	Sept. 12	468
Mottin, G. F.	Sparta	Randolph	21	Missouri	Mar. 26	462
Owens, Paul	Danville	Vermilion	23	Indiana	Aug. 9	464
Schmidtgaill, Ulys	Sparta	Randolph	30	Arkansas	Oct. 17	470
Sheckler, Everett E.	Hanna City	Peoria	43	Illinois	May 27	463
Smith, Clair	Marion	Williamson	34	Illinois	Aug. 23	466
Wright, Marion	DuQuoin	Perry	43	Missouri	Nov. 16	473
Yahnke, William E.	Geneseo	Henry	45	Illinois	Oct. 17	469

## PERMIT TO OPERATE SECOND MOTION ELECTRIC ENGINES.

Name.	Post office.	County.	Age.	Birthplace.	Date of permit.	Number of permit.
Beveridge, Hector.....	Sparta.....	Randolph.....	52	Scotland.....	June 24	324
Denkert, Albert H.....	Riverton.....	Sangamon.....	34	Illinois.....	Feb. 14	321
Denkert, Carl M.....	Riverton.....	Sangamon.....	41	Illinois.....	Sept. 1	327
Katzenmaier, Jack.....	Rock Bridge.....	Greene.....	31	Missouri.....	Sept. 1	326
Kiska, Alois.....	Riverton.....	Sangamon.....	65	Germany.....	Oct. 20	332
Ledak, Andrew.....	Braceville.....	Grundy.....	29	Illinois.....	Oct. 8	328
Lete, Elmer.....	Danville.....	Vermilion.....	22	Illinois.....	Oct. 10	330
Messersmith, Joseph.....	Springfield.....	Sangamon.....	53	Illinois.....	Oct. 17	331
Overturf, A. W.....	Springfield.....	Sangamon.....	52	Illinois.....	May 25	323
Richards, Carson H.....	Greenfield.....	Greene.....	25	Illinois.....	Dec. 29	333
Rosene, Fred A.....	Opheim.....	Henry.....	44	Illinois.....	May 11	322
Swisher, Roy.....	Danville.....	Vermilion.....	33	Illinois.....	Oct. 10	329
Yates, Chas.....	Divernon.....	Sangamon.....	48	North Carolina	July 5	325











